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ANALYSIS OF REAL PROPERTY INVENTORY REPORTING PROCEDURES.(U)
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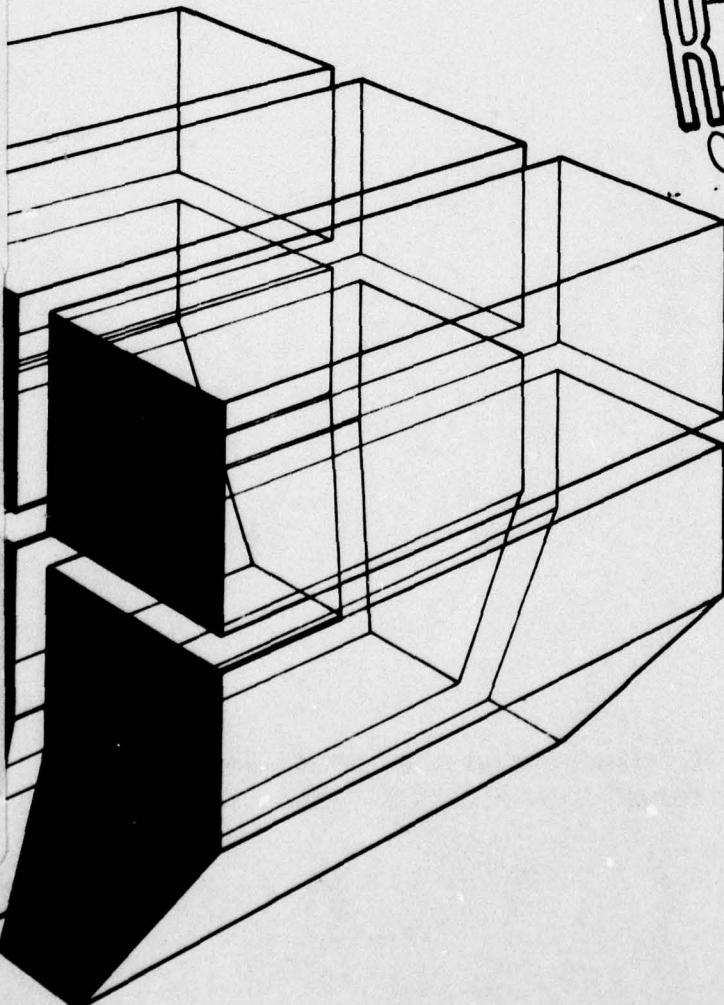
April 1979

Real Estate Status Reporting Procedures

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**ANALYSIS OF REAL PROPERTY
INVENTORY REPORTING PROCEDURES**

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by
**C. P. Altheide
S. S. Ganus**

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| 20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report presents the results of an analysis of three systems for real property inventory (RPI) reporting: Civil Works, military installations not using the Integrated Facilities System (IFS), and military installations using IFS. Included are details of the existing procedures; a description of the information flows between military installations or U.S. Army Corps of Engineers Districts and the Office of the Chief of Engineers, Directorate of Real Estate (DAEN-RE); analysis | <i>mt</i> | |

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of affected reports; and system analyses. Recommendations for streamlining these procedures to improve the timeliness of information, reduce manual effort, increase accuracy of reporting, and eliminate redundant or unnecessary data reporting are given for the systems both individually and collectively.

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FOREWORD

This research was conducted for the Office of the Chief of Engineers (OCE), Directorate of Real Estate, Programs Division (DAEN-REP) under the Operations and Maintenance -- Army (O&MA) Program, Work Unit Title, "Real Estate Status Reporting Procedures." The OCE technical monitor was Mr. E. W. Merli, DAEN-REP. Additional direction was provided by Mr. L. L. Pitchford, Jr., Chief, DAEN-REP.

This study was conducted by the Facility Systems (FS) Division, U.S. Army Construction Engineering Research Laboratory (CERL). The work was performed by Mr. C. P. Altheide, Principal Investigator, and Ms. S. S. Ganus. Mr. E. Lotz is Chief of FS.

COL J. E. Hays is Commander and Director of CERL and Dr. L. R. Shaffer is Technical Director.

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ANALYSIS OF REAL PROPERTY INVENTORY REPORTING PROCEDURES

1 INTRODUCTION

Background

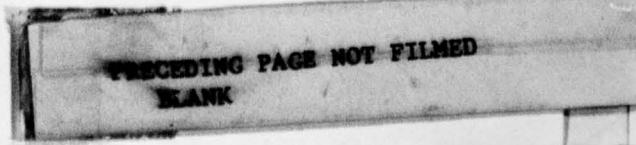
The Directorate of Real Estate (DAEN-RE) of the U.S. Army Corps of Engineers develops and maintains the real property inventory (RPI) for Civil Works and for all U.S. Army major commands.

At the military installations, one section under the Facilities Engineer (FE), usually named the Real Estate Section, is responsible for recordkeeping, status reporting, and reporting of RPI to the Real Estate Programs Division (REP) at the Office of the Chief of Engineers (OCE). At the Corps' Real Estate Districts, one branch, the Planning and Control (P&C) Branch, is responsible for recordkeeping and reporting of the civil RPI to REP.

The Systems Operation and Management Branch (REP-S) within REP is responsible for RPI reporting. REP-S communicates with the P&C Branches in the field, the Real Estate Sections at military installations and major commands; the Engineer Data Processing Center (EDPC), which maintains the current automated RPI system; and the Facilities Engineering Systems Division, Systems Development Branch (FESA-FS-SD)* of the Facilities Engineering Support Agency. FESA-FS-SD and the Systems Support Branch (FESA-FS-SP) work with the U.S. Army Computer Systems Command (CSC), the Assigned Responsible Agency (ARA) in the development of the Integrated Facilities System (IFS). At military installations, the recordkeeping procedures are being converted to the IFS procedures. The Real Estate Section inputs RPI data into IFS and IFS generates the installation's updated RPI which is to be used for updating the Army RPI master file maintained by REP.

RPI reporting (both horizontal reporting at any level and vertical reporting between military installations or Districts and REP) requires considerable effort. A large number of update actions are processed quarterly by the military installations and REP, requiring verification of the input and handling and processing of the flow of paper, punched cards, and magnetic tapes. Changes in data frequently are delayed more than an entire fiscal quarter. This large volume of actions and lengthy turnaround time, as well as validation of data reporting, prompted REP to initiate the investigation documented in this report.

* Formerly DAEN-FEM-S.



Purpose

The purpose of this study was to investigate and evaluate the existing RPI reporting procedures and associated automated data processing (ADP) systems used by REP, with a view toward improving the timeliness of information in the systems, reducing inaccurate reporting, and eliminating redundant data reporting. The investigation was to determine whether:

1. The input and retrieval from current systems (including IFS and the proposed version of IFS for Headquarters, IFS-HQ) are adequate for the foreseeable future

or

2. A new RPI subsystem should be incorporated into the development of a consolidated real estate management information system for DAEN-RE.

The determination was to be based primarily on improved accuracy of reporting, improved efficiency in performing the workload, and improved turnaround time; of secondary concern were to be improvements in the capabilities of the present systems, such as the capability to produce new reports or additional information in current reports.

Approach

The existing RPI reporting procedures were investigated by studying:

1. The work of the Real Property Section at Fort Knox, KY, an installation successfully converted to IFS.

2. The Civil Works inventory report preparation at REP-S.

3. The reporting procedures at the Missouri River Division (MRD) and North Central Division (NCD) Real Estate Division offices.

4. The report preparation procedures for military real property at REP-S.

5. The planned development and implementation of IFS, Increment I (IFS-I) for installations, and IFS-HQ for Headquarters.

In addition, visits and phone calls were made to Fort Knox, DAEN-REP-S, DAEN-FEM-S (FESA-FS-SD), EDPC, the Omaha District (Military and Civil) office, and the NCD Real Estate Division office in Chicago, IL.

Organization of Report

Chapters 2 and 3 of this report cover Civil Works and non-IFS military RPI reporting. Chapter 4 describes how a military installation is converted to IFS, and how the installation subsequently uses IFS to report RPI. Each of these chapters contains a description of the procedures and documents involved in the systems, analyses of these procedures with definition of certain problem areas, and a summary with recommendations for improving the current systems.

Chapter 5 describes reports made using RPI information, and, when possible, lists the distribution of these reports.

Conclusions and recommendations for each of the three areas of RPI reporting are summarized in Chapter 6, along with general recommendations for streamlining and consolidating RPI reporting.

Mode of Technology Transfer

The results of this study impact the following:

1. ER 405-3-1060, Inventory of Military Real Property at Installations (30 November 1966).
2. AR 405-45, Inventory of Army Military Real Property (18 March 1977).
3. AR 420-17, Real Property and Resource Management (13 December 1976).
4. AR 415-28, Department of the Army Facility Classes and Construction Categories (19 July 1976).
5. AR 415-10, General Provisions for Military Construction (11 May 1972).
6. AR 415-17, Empirical Cost Estimates for Military Construction and Cost Adjustment Factors (9 August 1976).
7. ER 405-2-1061, Annual Report -- Real Property Owned -- Civil Works Installations (17 April 1972).
8. AR 420-10, General Provisions, Organization, Functions and Personnel (20 December 1977).
9. DA PAM 420-6, Resources Management (15 May 1978).

2 CIVIL WORKS RPI

Primary REP tasks that are related to Civil Works RPI are:

1. Preparation of summary reports included in the Dawson Report
2. Verification of RPI data reported to the General Services Administration (GSA)
3. Preparation of an annual update of the Payment in Lieu of Taxes Report (PILOT) for the Bureau of Land Management (BLM).

Reporting Procedures

Once a year (due date 10 November) each District and/or Division sends DAEN-REP-S an original and three copies of all GSA Form 1166 reports, Annual Report of Real Property Owned by the United States (as of 30 September), and, in duplicate, one GSA Form 1209, Summary of Number of Installations Owned by the United States (see Figures 1 and 2). (Although previously reported military installations for which there are no changes do not submit Form 1209, each District must submit Form 1209 even though no inventory changes have occurred since the previous report.¹) In 1977 the REP-S office received 634 different Form 1166 reports and 34 Form 1209 reports.

GSA Form 1166 is a report made for each Civil Works project/installation; when state lines divide the installation, a separate report must be made for each state. Form 1166 is also prepared for installations comprised solely of easements, permits, and licenses; this information is used by REP-S in the Dawson Report, although these data are not required by GSA. In 1977, one-fifth (127) of the total number of Form 1166 reports were submitted for easements, permits, or licenses.

The majority (in 1977, four-fifths, or 507) of the Form 1166 reports are sent to REP-S to report:

1. Each newly acquired or previously omitted installation
2. Each installation transferred from another Federal agency, but not merged with an existing installation

¹ Annual Report -- Real Property Owned -- Civil Works Installations, ER 405-2-1061 (Office of the Chief of Engineers [OCE], 17 April 1972).

3. Each installation reporting a name change, or a change in date
or method of acquisition

4. Each installation declared excess or surplus

5. Each installation having a cost change of \$1000 or more, or a
change in acreage

6. Each installation having a change in the number of buildings,
area of a building, or change in the predominant usage of land, build-
ings, structures, or facilities.

The fields of entry on GSA Form 1166 are:

Block 1. Report "as of" date (30 September 19____)

Block 2. Agency Control Number (the audited installation number,
or "none" if the installation has not been audited)

Block 3. GSA Control Number (if assigned; otherwise blank)

Block 4. Name of installation

Block 5. Reporting agency

Block 6. Bureau of other major organization (for Corps of
Engineers, the name of the Division and District)

Block 7. State or continent

Block 8. City or town

Block 9. County or country -- geographical code (state or con-
tinent, city or town/county, or country)

Block 10. Local address

Block 11. Land usage code and classification

Block 12. Method(s) of land acquisition

Block 13. Year(s) land was acquired

Block 14. Amount of land in an urban area (acres to nearest tenth)

Block 15. Amount of land in a rural area (acres to nearest tenth)

Block 16. Cost of land (in thousands of dollars)

Total Land Block. Total land in an urban area; total land in a rural area; and total land cost

Block 17. Building usage code and classification (defined on form)

Block 18. Number of buildings (for each classification) and total number of buildings

Block 19. Year(s) building(s) were acquired (for each building classification)

Block 20. Gross floor area total of buildings (in square feet, for each classification) and total gross floor area of buildings

Block 21. Percent buildings occupied

Block 22. Cost of buildings (in thousands of dollars, for each classification) and total cost

Total Cost Block. Total number of buildings, total gross floor area, and total building cost

Block 23. Usage code and classification (defined on form) for other structures and facilities

Block 24. Cost (in thousands of dollars, for each classification). Total cost for other structures and facilities

Block 25. Total cost of all land, buildings, and other structures and facilities

Block 26. Remarks (clarification of any previous data; any unusual or significant feature; reasons for changes in a previous report of an installation; report of excess installations [in whole or in part]; acreage and costs of annual rental of all lands leased or acquired for use by easement, license, or permit)

Block 27. Type of transaction (new acquisition, omission from previous report, transfer in, disposal, transfer out, or revision to previous report)

Block 28. Name of person preparing report

Block 29. Signature

Block 30. Date of report preparation.

The land-use codes used to complete Form 1166 are:

- 01 Agricultural
- 04 Grazing
- 07 Forest and wildlife
- 08 Parks and historic sites
- 10 Office buildings locations
- 11 Military (except airfields); land under the control
of the Department of Defense (DOD) which cannot be classified
elsewhere
- 12 Airfields
- 13 Harbor and port terminals
- 15 Power development and distribution
- 16 Reclamation and irrigation
- 18 Flood control and navigation
- 19 Vacant
- 20 Institutional (land used for hospitals, prisons,
schools, libraries, chapels, and museums)
- 30 Housing
- 40 Storage
- 50 Industrial
- 70 Research and development
- 80 Other land (cannot be classified elsewhere)
- 90 Trust land.

The building usage codes used to complete Form 1166 are:

- 10 Office
- 21 Hospital
- 22 Prison
- 23 School
- 29 Other institutional uses
- 30 Housing
- 40 Storage
- 50 Industrial
- 60 Service
- 70 Research and development
- 80 All other (buildings which cannot be classified
elsewhere, to be specified in Block 26: Remarks)
- 99 Trust buildings (to be specified in Block 26:
Remarks).

Other structures and facilities usage codes used to complete Form 1166 are:

- 12 Airfield pavements
- 13 Harbor and port facilities
- 15 Power development and distribution

- 16 Reclamation and irrigation
- 18 Flood control and navigation
- 40 Storage (other than buildings)
- 50 Industrial (other than buildings)
- 60 Service (other than buildings)
- 70 Research and development (other than buildings)
- 71 Utility systems
- 72 Communications systems
- 73 Navigation and traffic aids
- 76 Roads and bridges
- 77 Railroads
- 78 Monuments and memorials
- 80 All other.

When an entire installation is to be disposed of or transferred to another Federal agency, a special report using GSA Form 1166, accompanied by a copy of ENG Form 0-836, Real Property Disposal Report, is sent to DAEN-REP-S.² (For a sample of ENG Form 0-836 see Figure 3.) This special report will have either Transaction 4 (Disposals) or 5 (Transfers out) checked in Block 27, no entries in Blocks 11 through 25, and appropriate clarification in Block 26 (Remarks). (In fiscal year [FY] 1977, three entire installation Disposal reports and three Transfer-out reports were substantiated by an ENG Form 0-836.)

Each quarter, the Disposal ADP system (maintained by EDPC) generates a six-part printout of ENG Form 0-836 containing the most recent data received by REP. Two copies of the printout are sent to the Districts; the District office uses one as a working copy, and marks the other with next quarter's changes and returns it to REP along with documents substantiating the changes. One copy of the EDPC printout is sent to the Division offices; another copy is sent to the Management and Disposal Division (DAEN-REM). The remaining two copies are retained by REP-S; one is filed and the other is used as a working copy. Updated printouts returned to REP by the Districts are coded by REP personnel onto preprinted keypunch transcripts (ENG Form 2900).^{*} EDPC keypunches these data, updates the Disposal master file, and generates a new six-part quarterly printout.

² Disposal, ER 405-1-1041 (OCE, 10 March 1967); Also, see Analysis of Real Estate Status Reporting Procedures, Technical Report P-96/ADA062720 (U.S. Army Corps of Engineers Construction Engineering Research Laboratory [CERL], October 1978).

* At the time of this investigation, Districts were changing over to keypunch transcript forms for reporting Disposals. ENG Form 2900 was marked into appropriate fields, with column headings for each card; these test forms were dry-copied and distributed with detailed instructions for preparation to the District offices in May 1978.

The Form 0-836 reports reflect the Disposal transactions of an entire installation. They are collected at the end of the fiscal year by REP and placed into a working file for use in verifying the Form 1166 reports that were sent in from the Districts. The GSA Form 1209 summary from each District reports:

1. The number of installations previously reported as of the end of the prior fiscal year.
2. The number of installations acquired since the prior report.
3. The number of complete installations erroneously omitted from the inventory in the prior fiscal year.
4. The number of Form 1166 reports representing transfers of either complete or partial installations from other Federal agencies.
5. The number of complete installations disposed of by the Federal Government since the prior report.
6. The number of Form 1166 reports representing the transfer of complete installations to other Federal agencies or major organizational units of the same agency.
7. The number of Form 1166 reports which adjust reports submitted in prior years.
8. The total number of installations controlled by the reporting agency as of the inventory data.
9. The total number of Form 1166 reports submitted with Form 1209.
10. A brief summary statement of all major or significant changes in the Division or District RPI during the fiscal year (e.g., changes in acreage, buildings, floor area, costs, predominant usages of land, buildings, structures for other facilities).

For example: Omaha District has one person in the Property Accounting Section of Finance & Accounting who is responsible for the preparation and verification of the Form 1166 and 1209 reports. During the year, reports (not forms) are sent to this office in various ways: the Real Estate Division sends a legal-sized, manually maintained log; the Civil Accounting Section sends information on journal entry paper; and the Engineering Division sends information about estimated costs of river projects (to the nearest thousand dollars). At the end of the fiscal year, the Property Accounting Officer combines all the necessary information, completes the Form 1166 reports, and then completes the Form 1209 from previous reports and from the accompanying Form 1166

reports. The District office keeps one copy of the Form 1209 and one each of the Form 1166. A copy of Form 1209 and all Form 1166 reports are sent to the Division office, and three copies plus the original of the Form 1166 report and Form 1209, in duplicate, are sent REP-S (due date 10 November).

REP-S summarizes all Form 1209 reports onto one Form 1209. GSA requires a report of all Real Property Owned by 15 December and a report of all Real Property Leased by 15 January. REP-S, however, reports all real property information to GSA by 1 December. The report package sent to GSA includes a cover letter, the summary Form 1209, and two copies of each Form 1166 having data pertinent to GSA. (The Form 1166 reports are sorted by transaction type within each state; the states are sorted alphabetically.)

REP-S maintains two logs for Civil Works RPI -- one for information reported to GSA and the other for information not reported to GSA. Each year a new set of logs is manually created from the Form 1166 and Form 1209 reports sent in from the Districts. The log of Form 1166 reports submitted to GSA, Area and Cost for Fee & Public Domain Acreage (cost reported to the nearest thousand dollars; acreage reported to the nearest tenth of an acre), includes the estimated value at the time of acquisition or sums which the Federal government would have had to pay for donated land. The fields of entry, in order, are:

1. State
2. Acres public domain (PD)
3. Acres fee-owned (FEE)
4. Acres urban PD
5. Acres urban FEE
6. Division/District
7. Acres rural PD
8. Acres rural FEE
9. Payment to landowners
10. Land cost
11. Installation cost
12. Land cost donated
13. Total acres FEE and PD.

The smaller log for easements, permits, and licenses is also sequenced by installation, by District, and by state. The fields of entry are:

1. Acres
2. Dollars
3. Donated and estimated.

The GSA inventory, Real Property Owned by the United States -- Department of Defense (DOD), Corps of Engineers, Civil, lists installations by city and county codes within each state (see Figure 4). If there are several installations in the same city, county, and state, the installations are listed by the GSA Control Number under the appropriate city and county codes. Property without city identification is listed by county code within each state. The GSA inventory contains FEE and PD land; number of buildings; floor area (square feet); other facilities and facility costs.

Five months after updates are sent to GSA (approximately 1 May), three copies of the GSA inventory printout are sent to DAEN-REP-S. The Office of Finance, GSA, has requested that the 72 reporting agencies review the pertinent agency's printout for completeness and accuracy. The corrected printout, or a memorandum stating that the printout is complete and accurate, should be returned to GSA in 7 days from the time of receipt (in many cases this deadline is extended to 14 or even 20 days).

REP-S verifies the printout by first checking state totals, then installation totals, against the logs. If there is an error, one copy of the printout is corrected in red pen. A form letter listing the corrections and giving the total number of corrections is completed. REP-S returns the form letter and the marked-up printout to GSA; the remaining two copies of the printout are discarded. GSA enters the indicated error corrections into the inventory master file and generates a new printout, which is sent to REP-S within 10 days.

If there are no errors, the form letter is sent to GSA stating that the inventory printout is complete and accurate. (This was the case for Civil Works in FY 1977. In previous years, Civil Works has reported five to 10 errors per year.)

The GSA inventory printout then is verified in more detail against (1) the logs maintained in the REP-S office, (2) the last annual GSA report, (3) and the active file of GSA Form 1166 reports. The errors for each District are compiled for inclusion in letters to the Districts, and questionable data are marked on one copy of the GSA

inventory printout. A second copy of the printout is kept on file; the third copy is cut up and resequenced for the District. These cut-and-paste copies are then sent to the Districts with a letter, when necessary, requesting that indicated revisions be incorporated into subsequent Form 1166 reports, unless District records show contradictory data which can be substantiated. Since GSA is not concerned with immediate correction of details, these changes or corrections are reported to DAEN-REP-S by the Districts on Form 1166 reports during the next fiscal year or included in the next annual GSA inventory. The GSA inventory system is also used to generate 22 tables which are used to make summary reports to Congress (and other offices).

Various reports are prepared by REP-S using data from the logs and from the corrected GSA printout. The most important of these is the Dawson Report (see Chapter 5). An intermediate report is prepared by DAEN-REP. The Report of Real Property, Department of the Army (DA), Office Chief of Engineers. Within this, Civil RPI data are included in the following summary reports:

1. Cost to the United States Government of Land Controlled
Figure 5)
2. Listing of Public Domain Lands, Civil (Figure 6)
3. Listing of Donated Lands, Civil (Figure 7)
4. Civil Works Property (Figure 8).

Other reports prepared by DAEN-REP-S from the civil RPI are:

1. Fifteen Largest Civil Works Installations by Acres (Figure 9)
2. Civil Works Real Property by State (Figure 10)
3. Civil Works Real Property by Division and District (Figure 11)
4. Civil Works Real Property by Division, District, and State
(Figure 12).

These reports are retained for reference in the DAEN-REP office.

Pilot is a new annual report required by Public Law 94-565. It is prepared by BLM using an automated system (Figure 13). REP-S is responsible for compiling the information from the Districts for BLM. Public Law 94-565 authorizes and directs the Secretary of the Interior to make payments to each unit of local government in which entitlement lands (as defined below) are located. OCE is responsible for reporting the BLM lands under its administration which are included in the following

definitions of entitlement lands, i.e., lands owned by the United States, which are:

1. Within the National Park System (including wilderness areas)
2. Within the National Forest System (including wilderness areas)
3. Administered by the Secretary of the Interior through BLM
4. Water resource projects administered by the Bureau of Reclamation or Corps of Engineers; or
5. Dredge disposal areas administered by the Corps of Engineers.

Entitlement lands do not include:

1. Lands which were owned or administered by state and local governments which, at the time of acquisition by the Federal government, were not subject to state and local taxes.
2. Any land for which any money was paid in that fiscal year to a unit of local government pursuant to the Act of 28 August 1937 (50 Stat 875) or the Act of 24 May 1939 (53 Stat 753).

Entitlement acreage is listed by local unit of government, as defined by the public law. In most cases, this is by county or city/county (e.g., San Francisco, Denver). For the states of Connecticut, Maine, New Hampshire, Rhode Island, Vermont, and Massachusetts, the acreage is reported for townships (and for the county of Suffolk, City of Boston). Louisiana entitlement acreage is reported by parishes. Alaskan entitlement acreage is reported by boroughs and city/boroughs (e.g., Juneau, Sitka). Independent cities are also reported; e.g., the independent cities of Virginia; Anchorage, AK; Washington, DC; Columbus, GA; St. Louis, MO; and Carson City, NV. The report includes entitlement acreage in Guam, the Virgin Islands, and the Commonwealth of Puerto Rico.

The PILOT schedule now used to report BLM entitlement acreage administered by OCE is based on information gathered in 1977 by the Districts using source documents (including RPI) from FY 1976. At present, Districts are asked by REP to review the most recent BLM schedule and to make appropriate changes to the acreage. Where applicable, Districts are to list additional units of government for which entitlement lands are to be reported as of 30 September 1977.

To avoid duplicate reporting of withdrawn lands by several agencies, BLM requests a separate schedule, formatted in any convenient manner, which shows the number of acres of withdrawn lands, by county

(or other appropriate unit of local government), that has been withdrawn from another agency as of 30 September 1977. This schedule identifies the agencies from which these lands have been withdrawn. BLM also requests a report, by county, of the amount of land withdrawn from OCE and administered by another agency, with identification of that agency; these reports were to have been submitted by 14 April 1978.

Civil Works RPI Information Flow

Figure 14 summarizes the Civil Works RPI reporting process. This process is manual except for the generation by GSA of the RPI, OCE, Civil, and the PILOT report by BLM. For example, at the Omaha District level, when a notifying document arrives at the Real Estate Division office, the Civil Accounting Section office, or the Engineering Division office, each office sends a report to the Property Accounting Section of Finance and Accounting. Once a year, the Property Accounting office uses these Real Property reports to prepare all GSA Form 1166 reports and a summary worksheet. The GSA Form 1209 is completed, in duplicate, from the summary worksheet. The Omaha District then sends a copy of each Form 1166 to the Division office; an original and three copies of each Form 1166, plus the Form 1209 are sent to REP-S. At REP-S, one copy of each Form 1166 is placed into a Division/District file, another copy is placed into a state file, and the other two sets of copies are sorted to identify those Form 1166 reports that pertain to permits, licenses, or easements. Such reports are not reportable to GSA and are then extracted and discarded, so that only reportable Form 1166 copies are sent to GSA. Superceded Form 1166 reports are discarded after 2 years. Non-GSA 1166 reports in the active file are used to edit the accompanying Form 1209, and data from them are entered in the non-GSA log. In addition, one copy of each Form 1209 is put in an active file and the duplicate is put in an archive file. The District Form 1209 reports are summarized into one Form 1209, using a summary sheet. A cover letter listing the contents of the GSA packet is prepared and sent to GSA with the summary Form 1209 and the copies of Form 1166 reports.

GSA processes the input information, using an ADP system, and sends REP-S three copies of the printout for Civil Works RPI. REP-S verifies the printout by state and installation totals against the totals manually generated and maintained in the GSA log. If the totals are all correct, a form letter is sent to GSA stating the printout is correct. If the totals are incorrect, one copy of the printout is corrected from the manually maintained log, and returned to GSA with a list of corrections. GSA corrects the master file, generates a new printout with two additional copies for REP, and sends the copies to REP within 10 days, after which the other two copies are discarded.

The DAEN-REP-S office prepares the District RPIs, which are sent to the Districts with a letter, when necessary, requesting that indicated revisions be reported on Form 1166 reports for the current fiscal year.

If there are errors which must be corrected for the past fiscal year, REP-S telephones the District, requests correct information with substantiation, and corrects the GSA and non-GSA logs. REP-S summarizes and prepares the in-house reports and the preliminary reports used in the Dawson Report from the corrected data in the two logs.

Civil Works RPI System Analysis

The two essential documents for input and verification in the Civil Works RPI system analysis are GSA Form 1166 and GSA Form 1209. Neither is a coding sheet and their completion by the Districts does not seem to be a time-consuming task, although later verification of the information can be difficult. The average District completes 21 Form 1166 reports only once a year. (Averages were calculated using the total number of Form 1166 reports sent to REP-S in 1977 [634] and the probable number of reporting Districts [30].) Only one Form 1209 is completed by each District; the information on Form 1209 is taken from the previous year's report and from a summary worksheet of the Form 1166 reports.

One person is responsible for logging and summarizing the Form 1166 reports at REP-S. The majority of this individual's time is spent in verifying the GSA printout and new data reported against the most recent audit and last year's reports. The problems with this system are:

1. Verification and correction of erroneous data are frequently difficult, since there are few standard modes for storing primary source information. When REP-S discovers a discrepancy, the error is not only listed on the cover letter sent with the Districts' GSA inventory printout, but follow-up phone calls and letters are sometimes necessary. For example, the cover letter from REP-S to Nashville District office (1 March 1976) states: "Easement area reported in Block 26, GSA Form 1166 for J. Percy Priest Dam and Reservoir cannot be reconciled with area reflected on recurring ENG Form 2440 less disposals shown on ENG Form 0-836." On 6 August 1976, Nashville District Office sent REP-S a new Form 1209, with accompanying Form 1166 reports, revising these data as requested, and stating that the appropriate reports had been revised. In this case, apparently, the District accepted REP-S data. The annual 1209 report (9 November 1976) again showed the requested change.

2. The GSA inventory is sequenced by state, not by District, so District RPIs must be manually cut from the computer printout.

3. The BLM Report is county-by-county and requires information similar to that required by the GSA inventory, but with different emphasis (see Chapter 5 for a detailed description of the PILOT report).

Summary of Civil Works RPI Reporting

The Civil Works RPI reporting procedures should be automated. However, no interim change prior to automation is recommended.

The PILOT will be easier to prepare now that the ADP system used by BLM has filled its data base. This ADP system also allows updates to be made on the printout. Some Districts, however, have difficulty obtaining the source documents which would indicate which acreage is entitlement land.

The GSA log maintained to verify the GSA printout and to assist in creation of summary reports cannot be considered a duplication of effort. The arrangement of data in this log is more convenient for REP-S than the sequencing of the GSA printout. In addition, this log is compiled during the 5-month time lag between updates to GSA and receipt of GSA printout.

If a Management Information System (MIS) is developed for Real Estate, however, Civil Works RPI should be automated to allow the Dawson Report as well as the GSA Report to be generated from compatible RPI data bases for both military- and Army-owned Civil Works. In addition, the updates of the BLM PILOT report could be retrieved from the Real Estate data base, rather than manually entered onto BLM printouts.

3 RPI FOR MILITARY INSTALLATIONS NOT USING IFS

IFS will be extended progressively to all Army installations during the next several years, and will uniformly automate the various RPI reporting procedures now used by the major commands.³ In the interim, however, it is necessary to investigate the reporting procedures of military installations not yet converted to IFS.

Reporting Procedures

The Real Property Inventory for Military Installations and the Building Information Schedule (BIS) are reports which are produced quarterly by military installations for installation, major command, and OCE use (see Chapter 5).

Changes and additions to the RPI are reported quarterly (as of 31 December, 31 March, 30 June, 30 September) by the major commands or individual military installations, and by the Military District or Division offices. All reports should be submitted on magnetic tape or punched cards (with an 80/80 proof listing), or, when that is not possible, on keypunch transcripts (coding sheets).⁴ When there is no change to an installation's RPI, a negative report is submitted in memorandum form. Reports are due in the REP-S office not later than 15 work days after the "as of" date. (Overseas reports are due not later than 25 work days after the "as of" date.)

A complete inventory is maintained in the military RPI master files (U.S. and overseas) of each existing or newly acquired or activated installation located wholly within a state or country. If an installation is located in more than one state, each portion in a different state is treated as a separate installation. All inventory data for military installations in an excess status are reported by the District or Division office. The Inventory of Army Military Real Property report also includes leased property and buildings which are not all or part of an installation within the United States, its possessions and territories, and the Commonwealth of Puerto Rico (excluding leases and covering general purpose space provided by GSA). (Four thousand eight hundred

³ Real Property and Resource Management, AR 420-17 (Headquarters, Department of the Army [DAEN-FEM-S], 13 December 1976).

⁴ Inventory of Army Military Real Property, AR 405-45 (Headquarters, Department of the Army [DAEN-REP-S], 18 March 1977). These methods were adopted 31 December 1977 to reduce the volume of paper transmitted. Prior to 31 December, DA Forms 3640, 3641, and 2541 were used for reporting.

thirty-eight such leases were reported in the RPI report of 30 September 1977.) These leaseholds data are extracted by EDPC from the Leaseholds master file,⁵ using RPI Codes 3 and 4. The required fields of data are:

1. State
2. Using service
3. City or location
4. Type of space
5. Lease contract or condemnation number
6. Unit of measurement
7. Area (in square feet or acres, to the nearest tenth)
8. Annual rental (to the nearest dollar).

In addition to the leaseholds extracted from the Leasehold master file, REP-S receives semiannual reports of Army leaseholdings in foreign countries separate from installations (AR 405-45, Chapter 3). The 30 September 1977 RPI report contained 1180 such lease reports. These reports are submitted to REP-S by each command, mission, or DA agency having control of such property as of 31 March and 30 September (the due date is 25 working days after the "as of" date). When there is no key-punch capability, the report is submitted on DA Form 2014-R, Army Leaseholdings in Foreign Countries Separate from Installations (Figure 15). REP-S requires reports submitted using cards punched according to the format outlined in AR 405-45, Chapter 4, to be accompanied by an 80/80 double-spaced proof listing. If the report submission includes leasehold reports not previously reported, or notification of terminated leases, this is specifically noted in the letter of transmittal.

A punched card (or separate line on DA Form 2014-R) is prepared for each reportable lease. When a lease covers 50,000 sq ft or more of floor space, a separate card is used to report each type of space (closed storage, special storage, land, offices, buildings, housing) having an area of 10,000 sq ft or more, with the annual rental for each type of space prorated. Areas of multipurpose leases less than 10,000 sq ft are to be added to the predominant type of space. The required fields of information are:

⁵ Records and Reports -- Leaseholds, ER 405-1-1020 (Office, Chief of Engineers [DAEN-REP-S], 30 August 1974).

1. Country code
2. Type of space code
3. Using service
4. Unit of measure
5. Contract or condemnation number
6. Type of space
7. Housing space, i.e., the number of families occupying the space
(or number of men or number of women)
8. Name of city and country
9. Area (in acres to the nearest hundredth)
10. Annual rental in U.S. dollars.

The source documents used by military installations for the RPI/BIS reports are the real property records maintained in accordance with AR 420-17,⁶ or, when those records are not maintained, the best records available. Division and District Engineers are consulted to assure maximum accuracy in inventory reporting. The most important forms used for source information are DD Form 1354, Transfer and Acceptance of Military Real Property (see Figure 16), and DA Form 2877, Real Property Record Card (see Figure 17). The project folders contain input information for the Forms 1354. Project folders are maintained as complete historical records of projects. A folder is kept for any one construction project costing over \$1000; a folder is kept for each maintenance and repair project costing over \$5000; and there is a folder for any single undertaking combining construction, maintenance, and repair. Included in a project folder are:

1. The initial estimate and identification of the estimator, justification for the project, and related correspondence (DD Forms 1391 and 1391c, Military Construction Project Data)
2. Requests for approval by higher authority

⁶Real Property and Resource Management, AR 420-17 (Department of the Army, 13 December 1976).

3. Signed approval documents from higher authority (including letters, estimates, specifications, and plans)
4. Sets of revised plans and estimates
5. DA Form(s) 2701 (Job Order Request), 2700 (Work Order), and 2702 (Bill of Materials)
6. Calculation sheets, source documents for estimates, and similar original data
7. A day-to-day blotter record showing all actual costs incurred to date.

The DD Form 1354 is created from the project folder. It is used by the District Engineer, or by the FE, for transfer to the using agency or the using agency of construction, and for the following miscellaneous actions involving real property:

1. Acquisitions, construction, disposal
2. Transfer of purchased or leased real property
3. Reactivation of excess installations
4. Transfers of real property of nonappropriated fund or non-Army agencies to the Federal government
5. Transfers of accountability to usable research and development facilities
6. Acceptance of other construction.

The DD Forms 1354 are kept at the installation and at the District Engineer's office, and are not sent to OCE.

When transfer, inspection, and acceptance of completed construction is accomplished, regardless of how it was funded, a DD Form 1354 is prepared by the District Engineer. At this time a complete set of real property cards (DA Form 2877), all maps, and all other pertinent information is furnished to the responsible individual accepting the transferred construction (cost is based on the best estimate). After the constructed facility is completed and accepted -- but not before -- the facility must be reported on the RPI. DD Form 1354 continues to be used in the reporting procedures as:

1. Entry of data relating to newly constructed or otherwise acquired items of real property into the record system
2. Transfer of accountability for real property
3. Record of changes to real property record cards for increases or decreases to base data and/or original cost resulting from capital improvements and capital decreases.

DA Form 2877 is a convenient summary of units of measure, and original cost to the Federal government. All new facilities accepted by the FE are recorded on a single Form 2877. Otherwise a separate Form 2877 is filed for each identified item of real property. For example:

1. Railroad trackage, tunnels, bridges, trestles
2. Buildings
3. Miscellaneous structures such as
 - a. Tent frames, hutments, family-housing trailers
 - b. Wharves, seawalls, dock warehouses, etc., along waterways and water approaches
 - c. Utility structures, such as storage tanks, pumping stations, septic tanks, central heating plans, etc.
 - d. Permanent training facilities, such as obstacle courses, firing ranges, mock villages
 - e. All other miscellaneous structures such as flagpoles, swimming pools, fences, kennels, etc.
4. Land (one Form 2877 is filed per plot or tract of improved grounds, another for all unimproved grounds)
5. Surfaced areas (one Form 2877 is filed per tract or area)
6. Utility distribution systems (one Form 2877 per facility).

The category codes listed in AR 415-28⁷ are used to identify the facilities listed on the Forms 2877. The five-digit category codes

⁷ Department of the Army Facility Classes and Construction Categories, AR 415-28 (Headquarters, Department of the Army [Construction], 19 July 1976).

summarize the facility classes, construction categories, and numerical codes used for identification and classification of real property from the initial planning stage through the complete cycle of programming, budgeting, accounting, and status reporting.

In summary, at the installation or District level, the RPI/BIS updates are prepared quarterly from the Forms 2877, which are prepared from the Forms 1354, which in turn are prepared from the project folders.

AR 405-45 details the record format for the RPI/BIS magnetic tape updates and for keypunch transcripts (Figures 18, 19, and 20). Some commands (U.S. Army, European Command [AREUR], Materiel Development and Readiness Command [DARCOM]) have automated management systems which generate the update magnetic tapes. Other commands use a Data Processing Installation (DPI) to generate the magnetic tape (Army Communications Command [ACC], Training and Doctrine Command [TRADOC], and the Defense Supply Agency [DSA]).

Punched cards, accompanied by an 80/80 proof listing, are used as input by: U.S. Army, Japan (ARJ), Cold Regions Research and Engineering Lab (CRREL), U.S. Army Forces Command (FORSCOM), Health Service Command (HSC), Military Traffic Management Command (MTMC), National Security Agency (NSA), 8th Army, Korea (EUSA), and the Military Districts.

Keypunch transcripts are used by the following commands not having access to a DPI: Army Security Agency (ASA), Defense Nuclear Agency (DNA), and the National Guard (NG).*

The quarterly RPI update reports made by the installations to REP-S include:

1. New acquisitions of land and improvements thereon
2. Newly constructed buildings and facilities which are ready to be used, as evidenced by transfer on DD Form 1354
3. Disposals
4. Capital increases and decreases

* At the time of this research some of these commands had not begun IFS conversion.

5. Identification of buildings or facilities scheduled to be demolished or otherwise disposed of as a direct result of replacement by new construction

6. Corrections to erroneously reported data on previous reports.

Only those particular data fields which have changed need to be reported by an installation already on the RPI master file. If an installation is new, header information and an inventory of each reportable item of real property must be reported.

The annual Inventory of Army Military Real Property (as of 30 September) is a two-volume report prepared from the RPI/BIS master file by REP-S; one volume is for real property outside the United States, the other is for real property within the United States. (A detailed description of this report is in Chapter 5.) This annual report presents consolidated summaries, individual installation summaries, leased property which is not all or part of an installation, and installations disposed of during the fiscal year. It is produced from the quarterly RPI/BIS updates and data entries.

The quarterly RPI report used by the installations is sequenced by category code, and within that by building/facility number (Figure 21). Summaries are made by type construction (permanent, semipermanent, or temporary). (A detailed description of the fields of entry is in Chapter 5.) BIS data are reported only for those installations that have a mobilization potential expansion capability (Figure 22).⁸ BIS data cannot be submitted for a building or facility which does not have an RPI record. Specific instructions for completing and/or updating a BIS record are contained in AR 405-45.

When generated as a separate report, BIS is sequenced by facility number within installation number, not by category code. Usually the BIS is combined with the RPI in a single, merged report. The fields of entry are described in Chapter 5.

All of the RPI/BIS data sent quarterly to REP-S is input to the Inventory of Army Military Real Property System, maintained by EDPC. The magnetic tape of updates from each installation or command is read, an error listing is printed out, and REP-S personnel verify the data against the most recent reliable report. If the data are approved by REP-S, the updates are processed and the RPI master file is updated. If not approved by REP-S, then the updates are not immediately processed. REP-S personnel validate questionable data updates via phone with

⁸ Master Planning for Army Installations, AR 210-20 (Headquarters, Department of the Army [DAEN-MCE], 26 January 1976), Appendix A.

installations. This process is very time-consuming and tedious. Computer output microform (COM) is used to produce a microfiche copy of each installation's entire RPI/BIS file from the magnetic tape (this process is, at present, contracted). REP-S uses the complete file on COM for reference in the preparation of reports. COM installation level reports are sent to: ARJ, ASA, CRREL, DMA, DNA, FORSCOM, HSC, Memorial Affairs Command, MTMC, SAFEGUARD, and the military District and/or Division offices.

To reduce the amount of paper flow, a minimum number of RPI printouts are sent to installations by REP-S. At the time of this research, NG and ACC (Fort Huachuca, AZ) were receiving printout reports. DSA, TRADOC, EUSA, and NSA installations not yet converted to IFS were being sent computer dumps on magnetic tape for the various installations. (This is a dump of the records for a particular installation after the RPI master file has been updated; it is not a formatted report.) If the installation requested a printout, as in the case of Fort Huachuca, REP-S sends a merged RPI/BIS printout. This also applies to commands or installations undergoing IFS conversion.

Installations converted to IFS, as well as DARCOM and AREUR, have their own means of generating installation level quarterly RPI/BIS reports. REP-S, therefore, returns the master file tapes unchanged for later reuse. AREUR was having technical problems with their system and could not produce acceptable RPI printouts. So REP-S supplied them.

REP-S uses the information from the RPI to manually prepare the preliminary reports to the Dawson Report:

1. Cost and Rentals of Military Real Property Controlled (Figure 23)

2. Acreage of Military Real Property Controlled and Located at Installations (Figure 24)

3. Cost to the United States Government of Land Controlled (Figure 25)

4. Cost and Rentals of Military Real Property Controlled, United States (Figure 26)

5. Acreage of Military Real Property Controlled at Installations, United States (Figure 27)

6. Military Real Property Controlled at Installations, by States (Figure 28)

7. Listing of Public Domain Lands, Military (Figure 29)

8. Listing of Donated Lands, Military (Figure 30)
9. Military Real Property Controlled at Installations in Possessions, Territories, and Commonwealth of Puerto Rico (Figure 31)
10. Military Real Property Controlled at Installations in Foreign Countries (Figure 32)
11. Fifteen Largest Categories of Military Real Property Controlled (Figure 33)
12. Cost to United States Government of Military Real Property Controlled, by Facility Class (Figure 34)
13. Military Construction in Progress (Figure 35).

EDPC generates a magnetic tape for the annual report (as of 30 September) to GSA from the RPI/BIS master file. The record layout of this tape is according to GSA specifications. REP-S also prepares the Replacement Cost Report, an annual report made at the end of the fiscal year to the Office of the Secretary of Defense (OSD) and to nine other offices. AR 415-17 presents cost data developed mainly "from bid experience and intended for use as guidance in the preparation and review of cost estimates" for budgetary purposes.⁹ Three tables from AR 415-17 (Empirical Cost Estimates, Table of Location Adjustment Factors, and Table of Technological Update Factors) are used in conjunction with the RPI system to generate the Replacement Cost Report. Every year the Directorate of Military Programs (DAEN-MPE) sends REP-S a listing of new adjustment and cost growth factors. EDPC prints out a listing of the most recent factor deck and REP-S edits the listing, entering the adjustment and cost growth factors. For example, the Location Adjustment Factors might appear:

| | |
|----------------------|--------------|
| District of Columbia | factor: 1.00 |
| Mississippi | factor: 0.85 |
| Fort Wainwright, AL | factor: 2.10 |

The Technological Update Factors (using three-digit category codes) might be

| | |
|------------------------------------|--------------|
| 110 -- Airfield Pavements | factor: 1.00 |
| 140 -- Land Operational Facilities | factor: 1.02 |

⁹ Empirical Cost Estimates for Military Construction and Cost Adjustment Factors, AR 415-17 (Headquarters, Department of the Army [DAEN-MCE-S], 9 August 1976).

and the cost growth factors (also using three-digit category codes) might be

| | |
|------------------------------------|--------------|
| 110 -- Airfield Pavements | factor: 1.96 |
| 140 -- Land Operational Facilities | factor: 1.45 |

At EDPC, the updated factor deck is keypunched from the edited listing and read into the RPI system. Using the RPI master file, the estimated replacement cost of a facility is computed by multiplying the pertinent adjustment factors times the empirical average unit price times the measured area or capacity. If the RPI lists an estimated cost for a facility, then the appropriate adjustment factors are applied directly to the cost. At the end of these procedures, the RPI system generates the Replacement Cost Report.

Reports are prepared by REP-S on request (an average of 25 one-page reports per month), using the RPI microfiche or an automated extraction program with the RPI system. (For further details concerning all reports developed from RPI information, see Chapter 5.)

Non-IFS Military Installation RPI Information Flow

Figure 36 summarizes the non-IFS military installation RPI information flow. DD Form 1354 is manually prepared from each project folder at the installation. DA Form 2877 is manually prepared from Form 1354. Depending on whether or not the installation uses an automated process, the RPI/BIS update reports are prepared manually, or by the automated system, from the Forms 2877. Magnetic tapes, punched cards accompanied by 80/80 proof listings, or keypunch transcripts are sent to REP-S by either the installation or the major command. An error listing of the updates is made and visually checked by REP-S against the most recent reliable report. The RPI/BIS data base is then updated by EDPC with data approved by REP-S. Microfiche is made from the new updated master file and is sent to REP-S. After the final quarter of the fiscal year, a magnetic tape is made from the master file for the annual report to GSA, which uses its own system to generate a printout of the inventory, Real Property Owned by the United States -- DOD, Corps of Engineers, Military. This report is sequenced by state, and by installations within city and county codes. Individual reports on microfiche of the updated RPI master file are returned to the installations and major commands (except for those installations or commands with automated systems which can generate the quarterly report onsite; in those cases the tapes sent to REP-S are returned unchanged).

REP-S summarizes and prepares the preliminary reports used in the Dawson Report from the RPI microfiche, corrected data sheets, and working files. REP-S also prepares many short reports on request, which

have a wide distribution (see Chapter 5). REP-S is also responsible for the Replacement Cost Report which is automatically generated from a manually updated listing of adjustment factors.

Non-IFS Military RPI Reporting Systems Analysis

The various non-IFS systems now in use to report military RPI should be considered as temporary or intermediate since it is planned to implement IFS at all military installations reporting to OCE. The exceptions are:

1. The District Engineers office report of military installations which are in an excess status (in any one quarter an average of four military Districts report military real property in disposal; as the installations do not have any changes or improvements, a memorandum stating there is no RPI change is all that is necessary)
2. RPI data extracted from the Leasehold File
3. Data sent in for Foreign Leaseholdings.

In general, the present methods of reporting RPI are considered problematic by both OCE and the reporting installations:

1. The Corps of Engineers, Directorate of Real Estate, Programs Division must prepare multisegmented and voluminous reports based on the RPI. In 1975, an average of 35,000 real property update actions were processed quarterly; at the time of this research, 25 percent of the RPI master file was IFS data (it is projected by EDPC that soon 50 percent will be IFS data). As the volume of RPI update transactions expands, validation of new data by REP-S becomes nearly impossible. REP-S needs an automated procedure to validate data changes prior to updating the RPI master file. The RPI-related reports from REP-S cannot be based on unvalidated, highly questionable data. In addition, any inaccurate data elements, automatically identified must be resolved and corrections entered into the RPI master file in a timely manner.

2. Turnaround time for the RPI system is a major concern; many reports are delayed over 3 months, making it difficult to ascertain either at the installation level or at REP-S which updates included in the master file are accurate and complete. Frequently, an installation enters the same update data element repetitively because the lag in report return does not allow the first update to appear in the report.

3. Now that DA Forms 3640, 3641, and 2541 are no longer to be used, some installations are having difficulty in preparing the automated update (as formatted in AR 405-45). A few installations are still

sending Forms 3640 and 3641 to REP-S, or are sending keypunch transcripts, instead of the magnetic tape or punched cards requested by AR 405-45. The installations and commands receiving magnetic tape RPI/BIS record dumps (such as Fort Huachuca, AZ) cannot assemble the necessary installation reports, and must request from EDPC continuation of the RPI printout transmittal.

4. The RPI/BIS now generated from the intermediate data base (prior to complete implementation of IFS) includes detail not required by REP-S, although it is possibly required by the reporting installations. In some cases, the merged RPI/BIS report has scrambled data fields in the BIS entries.

5. Creating the annual Replacement Cost Report is difficult for REP-S without the inclusion of a replacement cost field in the RPI reporting. (This field would also be useful at the installation level since AR 420-17 specifies that maintenance or repair should not be done to a facility if those costs exceed 50 percent of the replacement cost.) In the Replacement Cost Report for FY77, the summary report, Replacement Value Report -- Worldwide, was prepared manually. In addition many entries (18 corrections) in the "Overseas Report by Using Service" were corrected manually using sticky tape.

6. The reports prepared by REP-S on request, using RPI data, can be problematic. No additional programs for specified data retrieval from the RPI master file are being developed; usually the reports must be prepared manually using the microfiche copy of the RPI.

7. AREUR uses an automated system, FCL-75, which generates its RPI updates and reports. This system is providing such unreliable information to REP-S that the office is reluctant to include AREUR's RPI in any summary reports. As AREUR (and DARCOM) have their own automated systems, the tapes sent in are put onto the RPI master file as soon as any coding errors have been corrected by EDPC. (For example, according to a memorandum [10 March 1978] from EDPC to REP-S, 2,513 out of 55,836 records were coded incorrectly by AREUR. In order to enter the updates onto the master file, EDPC had to correct all of these coding errors.) The accuracy of the information reported by AREUR cannot be improved by REP-S. In addition, for over a year AREUR has not reported any leaseholdings to REP-S.

Summary of Non-IFS Military RPI Reporting

The procedures for reporting RPI which are analyzed and described in this chapter are pertinent to military installations whether or not they have converted to IFS. All reports made by REP from RPI/BIS information are developed from data which are received by EDPC, either in the

prescribed RPI format (AR 405-45) or in the RPI format reconverted from IFS input. For the period before all military installations convert to IFS, the following interim recommendations are made.

1. All reports made by REP which are based on RPI/BIS data should use the last reliable data provided by an installation or command, rather than using the most recent data submitted, if it is deemed unreliable by REP. The reports should have footnotes explaining the "reliability" problem with a list of the effective dates for each installation or command not showing the most recent data.

For example, if REP determines that the most recent quarterly report of RPI/BIS for an installation contains highly questionable data, but a previous report made by the same installation was reliable according to REP, then the yearly RPI-based reports should reflect the last period's data for that installation with a footnote, "data as of" indicating which quarter's data were acceptable.

2. An automated program should be developed that matches update RPI tapes with the previous (or most acceptable) RPI data on file for each installation field by field. The inconsistency test would search for new fields, for old fields not maintained in the new data, and discrepancies in fields common to both new and old files. The "old" file could be extracted from the RPI/BIS master file in the same manner as the RPI/BIS file for an installation is created when IFS conversion begins.

REP-S would determine the maximum number of inconsistencies and discrepancies allowable for acceptance of RPI/BIS updates. In those cases where the number of inconsistencies is small, the amount of discrepancy is supported by the installation, or the discrepancy is not significant, the new updates could be included on the master file. When it is possible for REP-S to ascertain the correct data with supporting data from the installation in question, REP-S should have an editing capability (as it does for the Civil Works RPI). RPI/BIS master file editing capability for REP-S, with appropriate restrictions, would expedite the production of correct RPI/BIS files.

3. COM of the most recent RPI/BIS for that installation should be sent by REP in order to alleviate the problems encountered by those installations receiving RPI/BIS installation file dumps (due to receipt from the installation of a magnetic tape update).

4 RPI FOR MILITARY INSTALLATIONS USING IFS

The IFS, Increment I (IFS-I) is designed to assist FEs at military installations. Major commands and OCE will use the reports from IFS-I until IFS, Headquarters (IFS-HQ) is implemented. At present, installations using IFS report 35 percent of the total dollars of military RPI. When all of Conterminous United States (CONUS) is on IFS, 80 percent of the total dollars of military RPI will be reported by the system.

Installations using IFS as of 30 June 1978 (including, in some cases, the satellites of the installation, especially in Alaska) are:

| | |
|----------------------|-------------------------------------|
| Fort Bliss, TX | Fort Lee, VA |
| Fort Benning, AL | Fort McClellan, AL |
| Fort Benning, GA | Fort McCoy, WI |
| Fort Bragg, NC | Military District of Washington, DC |
| Fort Campbell, TN | Fort Monroe, VA |
| Fort Carson, CO | Fort Polk, LA |
| Fort Detrick, MD | Fort Richardson, AK |
| Fort Devens, MA | Fort Ritchie, MD |
| Fort Dix, NJ | Fort Sill, OK |
| Fort Eustis, VA | Fort Stewart, GA |
| Fort Greely, AK | U.S. Military Academy, NY |
| Fort Sam Houston, TX | Fort Wainwright, AK |
| Fort Knox, KY | Fort Leonard Wood, MO |
| Fort Leavenworth, KS | |

Installations undergoing IFS conversion are:

Fort Gordon, GA
Fort Lewis, WA

Installations planned for conversion in the summer of 1978 are:

Fort Huachuca, AZ
Fort McPherson, GA
Fort Riley, KS
Fort Rucker, AL
Fort Sheridan, IL

IFS-I is composed of three modules: Assets Accounting (AA), Facilities Engineering Management System (FEMS), and Real Property Maintenance Activities (RPMA). AA is the master reference file which

provides the data base on which all other modules rely to establish the existence of a facility and provide certain critical information for system operation and report generation. AA establishes a single set of files which consolidate all facilities information currently required by the various installation staff elements: Engineers, Family Housing, Director of Industrial Operations, and the Comptroller. The FE is responsible for the collection of all required data and the placement and maintenance of that data in the IFS data base.¹⁰ The conversion to IFS is an extremely critical area of data flow -- if the data base is built inaccurately, reliable RPI reports cannot be generated.

Conversion Procedure

At an installation converting to IFS, the FE, not later than 6 months prior to IFS implementation, designates the IFS Project Officer and the IFS Instructors. Five or 6 months before cutover,* this team goes to Fort Lee, VA, for a 3-week Instructor Development Course (IDC) conducted by FESA-FS-SP. At the same time as the IDC, the IFS conversion team at CSC, also at Fort Lee, requests the installation's most recent RPI/BIS file from FESA-FS-SD. FESA-FS-SD requests this file, with REP authorization and prior agreement, from EDPC and specifies the relation codes to EDPC. EDPC extracts the installation's RPI/BIS file from the last quarter's RPI master file (a seven-track tape) and puts it through an expansion program: Family Housing is broken down into apartment units; wherever possible, heating and air conditioning unit costs for each apartment are prorated equally; no costs are assigned to plant utility equipment; relation codes and functional group codes are assigned. This expanded file is sent to a contractor for conversion to a nine-track tape. Implementation of upgraded computer hardware at EDPC will provide nine-track tapes initially. At least 30 days prior to the installation's initial conversion, the nine-track tape is sent to CSC for further expansion and conversion into IFS format.

CSC expands the RPI/BIS file into three AA files: Installation Management and Planning file (IM&P); Maintenance, Repair and Minor Construction Cost File (R&D\$); and Force and Mission Planning File (FMP). CSC arbitrarily enters suffix codes (which the installation can change, if necessary) for multipurpose buildings, and develops the other

¹⁰ Integrated Facilities System (IFS) Assets Accounting Module, Users Manual, Volume II (Department of the Army, OCE, effective 15 August 1977, updated 1 February 1978).

* Cutover: When all operating files have been built and certified complete (by the DFAE and Management Information System Office [MISO]) and ready to begin operating and processing in a live environment.

skeleton IFS files. Once the IFS files are established, a complete set of AA reports is produced:

| <u>Code</u> | <u>Report</u> |
|-------------|---|
| ACØ | BIS |
| ADØ | Installation Inventory of Military Real Property |
| AJØ | Space Utilization Report by Facility Number |
| AKØ | Space Utilization Report by User Code |
| AGØ | Facility Description Report |

These AA reports are hand carried to the installation during the Initial Readiness Visits conducted by FESA-FS-SP, and are used later for reference in creating and completing the AA data base.

Twelve or more weeks prior to the scheduled cutover date, the IFS skeleton files created at CSC are mailed to the installation. When the conversion team has filled out DA Forms 4276-R, 4280-R, 4281-R, and 4279-R (see the listing of input forms below), the data are keyed onto tape or keypunch cards and the IFS files are loaded by the Management Information System Office (MISO), the conversion is initialized.

The installation functional training is begun by the instructors 12 or more weeks prior to the cutover date. There are eight packages of training material, each directed at a different group of personnel; the training package of most interest to this report is number 5, Assets Accounting Personnel, for the Real Property Office. It gives an overview and detailed instructions on the preparation of AA input and usage of output reports.

After the major training is finished (8 weeks prior to cutover), the IFS Project Officer and the IFS project team begin to build the installation IFS data base using the expanded master tape as a skeleton. Four weeks prior to cutover, the last training sessions (one for administrative personnel, another for craftsmen) are completed. One to 2 weeks prior to cutover, a support team (two people from FESA-FS-SP, and one from the major command) travel to the installation to assist with the final conversion effort, and to insure that essential data are input and all input is coded correctly. They remain for 1 week after cutover to review and evaluate the data input. One month after cutover, this same team returns to the installation to give further support.

The source documents used to create the data base for the AA module are:

1. Real Property Records (DA Form 2877)
2. BIS Report
3. Installation Inventory of Military Real Property Report.

The AA data base elements fall into two main categories:

1. Facility inventory data (a complete record of all facilities at the installation; costs on each facility (recurring maintenance and deficiency correction costs); condition report on each facility in terms of assigned use suitability; planned disposal of facility)
2. Facility maintenance history (costs incurred for each facility as projects are completed, and a summary of the project costs).

Keypunch transcript forms are used for AA data base creation. After the forms are manually completed by Real Property personnel from source data, they are keyed onto tape (or keypunch cards are created), verified by the key-in operator, and transmitted to the installation MISO, which then generates monthly, quarterly, and annual reports for the major command and OCE. The monthly Input Report is used by Real Property personnel to verify that updates were input accurately and completely. The input forms for IFS conversion are also used for post-implementation input (or updating):

| | |
|-------------------------------|--|
| DA Form 4263-R (Figure 37): | Installation Header and Training Suitability, Part A |
| DA Form 4263-1-R (Figure 38): | Installation Header and Training Suitability, Part B |
| DA Form 4276-R (Figure 39): | RPI/BIS (A) -- add, change or delete a record on file |
| DA Form 4276-1-R (Figure 40): | RPI/BIS (B) -- add or change a record on file |
| DA Form 4276-2-R (Figure 41): | RPI/BIS (C) -- add new record or change record on file |
| DA Form 4276-3-R (Figure 42): | RPI/BIS (D) -- add new record or change record on file for construction material |
| DA Form 4276-4-R (Figure 43): | RPI/BIS (E) -- add new record or change record on file for cost to government |
| DA Form 4280-R (Figure 44): | Fire Protection Report |
| DA Form 4281-R (Figure 45): | Tenant Data for Space Utilization |
| DA Form 4279-R (Figure 46): | Drawing Number and Complex |
| DA Form 4279-1-R (Figure 47): | Painting and Air Conditioning |
| DA Form 4279-2-R (Figure 48): | Heating Information |
| DA Form 4279-3-R (Figure 49): | Utilities Services |
| DA Form 4279-4-R (Figure 50): | Facility Area |

DA Form 4279-5-R (Figure 51): Other Utilities and Tenant
Financial Data
DA Form 4274-R (Figure 52): Facility Disposal Report

Fort Knox, KY, provides an example of successful conversion to IFS (although some problems were encountered along the way). At the start of IFS conversion (August 1976), the expanded IFS skeleton tape was delivered by mail to the IFS Project Officer and loaded by MISO so that the skeleton file printout could be used. The most critical forms for IFS initialization (Forms 4276-R, 4280-R, 4281-R, 4279-R) were completed and the data were entered onto the file to enable the RPMA module utilization. Other fields and categories continue to be completed according to convenience of data collection. Data collection and entry for some fields (e.g., heated space costs per unit) will have to be contracted in order to obtain the detail required by IFS. At the time of conversion at Fort Knox, 16 inspector/estimators gathered AA data; 12 other inspectors estimated condition; 16 additional people input the collected data on the forms.

An extremely significant element of IFS conversion is facility numbering and some installations use this period to renumber every facility. (In some cases cross-reference from old to new facility numbering is not maintained, but this is supposed to become a less frequent error according to FESA-FS-SD as more installations go through the training and conversion procedures.) At Fort Knox the facility number for acreage was not changed from the number assigned when the acreage was acquired. Also, every building retained the same facility number.

Two methods of facility numbering are recommended by the IFS Users Manual: separating into blocks, or separating into area sections.¹¹ Fort Knox uses block numbers for most facilities; Buildings and Grounds Facilities, however, are numbered by area section. To reduce erroneous or redundant numbering, only one person at Fort Knox in the Real Property Section may assign a new facility number (although data from the Master Planning Office are used).

Establishing the cost to government for newly numbered facilities is also done in the Real Property Section at Fort Knox. The data are supplied by either the Master Planning Office or by a field estimator. The initial input for cost is rolled-up* for each category. When the

¹¹ Integrated Facilities System (IFS) Assets Accounting Module, Users Manual, Volume II (Department of the Army, OCE, effective 15 August 1977, updated 1 February 1978).

* In a hierarchical data base of cost elements, "rolled-up" means to generate subtotals of lower-level detailed costs within a specified category.

cost-to-date is assigned to each facility within the category, the rolled-up figure is deleted so that a duplicated total does not occur.

After cutover, DFAE continues to evaluate the monthly installation reports for input data accuracy, as well as to complete the data base by making unit breakdowns of various rolled-up categories and prorating the costs for each unit.

IFS Conversion Flow

Figure 53 shows the Flow Chart of IFS Conversion from RPI/BIS as of 30 June 1978. Using the Relation Codes requested by FESA-FS-SD, EDPC extracts a seven-track magnetic tape of an installation's merged RPI/BIS file from the RPI/BIS master file. This tape is fed into an expansion process which assigns relation codes and functional group codes, breaks Family Housing Facilities into apartment units, and wherever possible assigns prorated unit costs of heating and air conditioning to the apartment units. The expanded seven-track file is sent to a contractor and converted to a nine-track magnetic tape, which is sent to CSC. The nine-track tape is read by an IFS conversion program which reformats the records and files and creates three skeleton files: IM&P, R&D\$, and FMP. In addition, a complete set of AA reports is produced, and these are taken to the installation during the Initial Readiness Visits conducted by OCE.

The IFS skeleton files are sent to the installation's MISO. DA Forms 4276-R (RPI/BIS [A]), 4279-R (Drawing Number and Complex Card), 4280-R (Fire Protection Report), and 4281-R (Tenant Data for Space Utilization) are completed by the installation conversion team and keyed into the system. MISO then loads the skeleton IFS files from CSC and the initial installation data to initialize the IFS conversion and generate the initial printouts.

The installation conversion team uses the IFS input forms (see Figures 37 through 52) to fill the data base for the AA module (Table 1).

IFS generates the following reports for verification of input and completion of the data base:

1. AA Exception List
2. Missing Essential Data Elements
3. Input Report.

The support team from FESA-FS-SP returns to the installation and evaluates the data base input. When it has been ascertained that baseline data have been converted to operating files, the conversion is considered complete, and the installation is cut over to IFS. The data base

Table 1
Data Base for AA Module

| <u>DA Form</u> | <u>Transaction Number</u> | <u>Title</u> |
|----------------|---------------------------|---|
| 4276-R | AA1 | RPI/BIS (A) |
| 4276-1-R | AA2 | RPI/BIS (B) |
| 4276-2-R | AA3 | RPI/BIS (C) |
| 4276-3-R | AA4 | RPI/BIS (D) Construction Material |
| 4276-4-R | AA5 | RPI/BIS (E) Cost to Government |
| 4280-R | AA6 | Fire Protection Report |
| 4281-R | AA6 | Tenant Data for Space Utilization |
| 4279-R | AA7 | Drawing Number and Complex Card |
| 4279-1-R | AA8 | Painting and Air Conditioning Card |
| 4279-2-R | AA9 | Heating Information Card |
| 4279-3-R | AB1 | Utilities Services Data |
| 4279-4-R | AB2 | Facility Area Data |
| 4279-5-R | AB3 | Other Utilities and Tenant Financial Data Card |
| 4274-R | AA2 | Real Property Facility Disposal |
| 4263-R | A01 | Installation Header and |
| | A02 | Training Suitability -- Part A |
| | A03 | |
| 4263-1-R | A04 | Installation Header and |
| | A05 | Training Suitability -- Part B |

continues to be filled by the conversion team, while IFS processes all the working and update data, and generates monthly and quarterly reports.

Procedures of Reporting RPI During Conversion

There is confusion concerning the DFAE's responsibility for reporting RPI during conversion to IFS, due to conflicting directives. The following is from DAEN-REP (2 August 77) for an 11 Aug 77 briefing to DAEN-ZB: "AR 405-45 (18 March 1977) establishes reporting requirements and specifies that reports will be made to DAEN-REP-S -- the reporting procedures specified in Chapter 2 of this regulation are applicable until the Integrated Facilities System (IFS) is fully implemented at an installation. At that time, RPI/BIS data will be reported in accordance with IFS reporting procedures."

In contradiction, the TRADOC Engineering Bulletin of February 1977 states: "During conversion it is not necessary to submit the quarterly RPI/BIS updates to correct the master file for REP-S; it will be necessary, however, to maintain cognizance of changes for eventual reconciliation of RPI/BIS with IFS AA data; posting pencil changes to hard copy (printout or keypunch transcripts) will satisfy this requirement." REP-S advised both TRADOC and FORSCOM in July 1977 that RPI reporting in accordance with AR 405-45 must continue during the IFS conversion process.

In general, installations converting to IFS followed the TRADOC Bulletin recommendation, which was reinforced by the IFS training team, and by FESA-FS-SD. Rather than duplicate the effort of updating the intermediate RPI/BIS master file during IFS conversion, FESA-FS-SD believed that the IFS processing would provide the updates in sufficient time.

The difficulty at REP is clear. IFS conversion takes from 6 to 9 months; during this time an installation may report no changes to the RPI/BIS master file. At the end of the fiscal year then, neither the required annual reports of RPI, nor reports based on RPI, can include current, reliable data.

In summary, AR 405-45 directs that RPI/BIS be reported as if the installation were not converting to IFS and this direction was reinforced by DAEN-ZB after the August 1977 briefing. But due to the time-consuming requirement of creating the IFS AA data base and knowing that interim updates would have to be re-entered in IFS format, installations have submitted to REP-S a memo showing no RPI/BIS updates while they are converting to IFS.

Procedures of Reporting RPI After Conversion

The Real Property Section at an installation on IFS gathers source data for RPI in the same manner as an installation not on IFS (see Chapter 3). A project folder is maintained for each project, and DD Form 1354 (Figure 16) is manually completed from the project folder; DA Form 2877 (Figure 17) is manually completed from the DD Form 1354.

The same forms used for creation of the IFS data base are used for updates; the Forms 1354 and 2877 serve as source data for the AA updates (RPI/BIS included). The updates are manually entered on the keypunch transcript forms, then given to the key-in office. (At Fort Knox, an INFOREX key-to-tape system which insures verification of any selected field of entry is used with an apparently high degree of accuracy.) The update tape (at Fort Knox this could include 7000 AA updates per month) is transmitted to MISO. MISO returns an Input Report to the Real Property Section each month. This report can be used to verify updates. Other reports generated by MISO can also be used to verify updates: the lengthy Facility Description Report, the Space Utilization Report, the Missing Elements Report, and the Error Report. Because of the volume of monthly updates, verification is usually done quarterly by the Real Property Section by examination of rolled-up totals; when an individual entry error is apparent on the Error Report, however, this can be corrected within a month.

IFS-I is a system for installation use which generates the RPI/BIS quarterly printout for the installation, as well as other reports (see Chapter 5). In addition to this horizontal reporting MISO sends a magnetic tape of the IM&P and R&D\$ Files to FESA-FS-SD quarterly. This tape is then sent to a contractor for reconversion of RPI/BIS data to old format: a seven-track tape is created with old RPI/BIS categories brought up, standard category definitions applied, and categories selected by DAEN-REP-S rolled up. The seven-track tape is sent to EDPC, and a printout of the update is sent to REP-S for approval. If REP-S approves, the data are used to update the RPI/BIS master file. If data are not approved by REP-S, then the installation and FESA-FS-SD are notified that corrections are required. Manpower restrictions, however, do not allow REP-S to adequately scrutinize data updates and the RPI/BIS master file has unfortunately been updated with inaccurate, highly questionable data. After the RPI/BIS master file has been updated, a contractor creates a COM of the entire RPI/BIS master file for the use of REP-S. The used tapes, unchanged, are returned through FESA-FS-SD to the installation for re-use. (The use of contractors in this process is subject to change as EDPC transfers workload to their new mainframe computer.)

To make a system change request (SCR) to IFS-I, the installation FE submits a DA Form 4157-R, but not until 90 days following the cutover to IFS. FESA-FS-SD recommends that DFAE personnel research thoroughly all aspects of an identified problem before submitting an SCR. (MISO should be consulted to insure that the problem is completely defined.) FESA-FS-SP evaluates the SCRs which come from installations, major commands, FESA-FS-SD, and within. CSC, on the advice of FESA-FS-SP, makes the requested system changes. The installation MISO is only a processing, not a maintenance, function of IFS. A data base system (with data base manager) is, at the time of this research, in development for headquarters use of IFS (IFS-HQ). When IFS-HQ is fully implemented, the reporting procedures for RPI outlined in this report may be changed so that no tapes are exchanged. Instead, using the Facility Information Retrieval System (FIRS), headquarters, REP, and major commands will have access to IFS information using visual display terminals. (FIRS is now in experimental use via terminals at Headquarters.) The development of IFS-HQ includes a submodule which allows the user to use the terminal to format and retrieve a report of IFS information. If the report is to be used repetitively, the format can be stored and the report retrieved on request. However, editing capability is not available.

Information Flow After Conversion

Figure 54 summarizes the flow of Military RPI information after IFS conversion.

At the Real Property Section of the installation, IFS input forms are manually completed from the source documents (DD Form 1354 and DA Form 2877), then keyed to tape, or keypunch cards. Monthly, MISO loads the input tape and generates the Input Report, the AA Exception List, and the Missing Essential Data Elements Report, which are returned to the Real Property Section. Quarterly, MISO sends the updated IM&P and R&D\$ files on magnetic tape to FESA-FS-SD. The tape is converted to the intermediate RPI/BIS file which is sent to EDPC and used to update the RPI/BIS master file.

At the installation, a quarterly RPI/BIS printout is generated at MISO by IFS, and distributed to the Real Property Section, Plans and Services Office, and the Master Planning Office.

IFS Military RPI Reporting System Analysis

REP is obtaining unreliable data from most installations on IFS, or no data changes at all from installations which are undergoing conversion to IFS. Once data are correctly input to IFS, reporting continues to be inconsistent in its accuracy. Reliability varies from quarter to quarter.

The process of using the RPI/BIS seven-track tapes as an intermediate master file is cumbersome, but will soon be changed to a nine-track system, deleting the time lag necessary for conversion from seven-track to nine-track or vice versa.

With the exception of the requirement to submit quarterly RPI/BIS updates during conversion to IFS, there does not seem to be much duplication of effort at installations using IFS. However, the need for REP-S to validate the IFS data is a duplication of the validation process at the installation level, but data inaccuracies have forced this duplicate effort. The installation validation process identifies to the real property section that data elements are missing; but unless corrections are made swiftly, the data tapes are sent to EDPC with those data elements still missing and REP does not have reliable information for the RPI master file. The installation validation process does not validate the data which are not missing; it only verifies it for conformance to keypunching requirements.

REP-S has one microfiche copier which can copy only one page of the report at a time and if information for a short report is needed quickly (e.g., a presentation to Congress), the retrieval time for information from many installations is prohibitive. This microfiche should be supplemented by reports accessed through visual display terminals when IFS-HQ is implemented.

Planned enhancements (by FESA-FS-SD) to IFS are:

1. The category code sequence of the Military RPI Report will be in the old RPI format, so that users will not be confused in reading or comparing reports
2. The Cost to Government summary will be included in both the RPI Report and in the Facility Description Report
3. An IFS-HQ submodule will allow non-IFS installations, as well as major commands and OCE, to have access to the IFS data base using terminals (in some cases this would be for input as well as retrieval, but most often the terminal access would be only to retrieve information)
4. IFS-HQ will roll up the RPI/BIS process so that the separate, installation-level, RPI data base will no longer be necessary as an intermediate data base.

Some problems with IFS which have been defined are:

1. Actual data reportage during data base creation and afterwards is highly inaccurate due to:

- a. Lack of qualified personnel at the installation making updates or data base creation
 - b. Too much time lag between data input to MISO and output of tapes reviewed by EDPC and REP-S
 - c. Measurement units for reporting inventory are either confused (due to some changes in units specified) or ignored.
2. Conversion to IFS not only creates a delay of reporting RPI/BIS for at least two quarters, but can create an enormous amount of inaccurate information. (For example, the information provided by Fort McNair, VA, and the Military District of Washington was in general so inaccurate according to REP-S, that none of it was put on the 31 March 1978 quarterly RPI/BIS master file.)
3. Facility numbering for IFS is not standardized, which creates confusion for those who read the RPI master report (at OCE level) or other reports made by REP-S from the RPI data. Frequently, new facility numbers are assigned for IFS purposes without maintenance of a cross-reference to old facility numbers, creating a time-consuming and often unresolved search when data for a particular facility must be corrected by the installation, on request from REP-S. IFS requires a level of detail much greater than is needed for reports to REP.
4. CSC has created new category codes for IFS not yet included in AR 415-28 (which establishes all category codes), or on the source documents. This causes confusion and inaccurate data entry at the installations. (Revised AR 415-28 is expected Dec 1978.)
5. A screening code on non-RPI/BIS data should be more carefully placed for the IFS generated report of RPI/BIS for REP.
6. More magnetic tapes than necessary are being transferred between installations and FESA-FS-SD; the IM&P file now has a uniform 1400 characters per record, although most records require much less space, i.e., there is much empty space on the tapes. Data packing would solve this.
7. According to FESA-FS-SD, CSC has an enormous backlog (an estimated 460) of SCRs and is currently processing SCRs from 1974.
8. IFS, even when fully implemented, will not provide all of the Military RPI now required for the RPI Report. In addition to installations in a disposal status reported by Military District offices, the Military RPI Report includes leaseholds for buildings and property, which are not all or part of an installation, for both CONUS and overseas commands.

Summary of IFS Military RPI Reporting

IFS is planned for use by all military installations currently reporting RPI to REP. In this investigation the following conclusions concerning IFS were made:

1. The most significant point of concern to REP is the accuracy of the data provided by IFS. If the conversion of an installation to IFS is not successful in producing accurate data, REP has no means to increase the reliability of these data. Therefore, the time of conversion to IFS is critical.
2. Once an installation has provided reliable data through IFS, the RPI reportage should continue to be reliable, but unfortunately, this is not the case. Reliability varies from quarter to quarter.
3. The development of IFS-HQ should be influenced by Real Estate's requirements and should meet REP's needs when it is implemented.

The following are interim recommendations:

1. Accurate reporting of real property data at the time of an installation's conversion to IFS could be affected by:
 - a. Having an informed REP representative assist with the initial training (at Fort Lee) of the installation conversion training team
 - b. Having additional inspector/estimators contracted to assist with accurate loading of the AA data base during conversion to IFS.
2. To avoid unnecessary facility renumbering at the time of IFS conversion and to ensure ease of verification of facility-level data, it is recommended that:
 - a. A more standard definition of the assignment of facility numbers should be developed by FESA-FS-SD.
 - b. A cross-index of old facility numbers and new facility numbers should be maintained by the installation with copies to REP-S.
3. During conversion to IFS, maintaining RPI/BIS updates in accordance with AR 405-45 should be routine, as installations have been following these procedures all along. Since conversion to IFS may last 6 to 9 months, these updates are necessary in order for REP-S to produce the summary reports to higher authority. Successful conversion to IFS should depend on the accuracy of the IFS-generated RPI/BIS as compared to the most recent RPI/BIS version maintained by REP-S. For any installation which has already successfully converted to IFS for which REP-S

has determined the IFS-generated RPI/BIS to be unreliable, the last reliable RPI/BIS report from that installation should be used by REP-S in their summary reports until inconsistencies can be identified and resolved. REP-S should footnote that installation's data giving the "as of" date and a reason for the data not being more current.

4. The Chief of Engineers has been assigned staff responsibility for maintaining the central inventory of Army Military Real Property. In the execution of real estate inventory management responsibility, direct communication has been authorized with organizational elements having accountability for Army real property on matters pertaining to the RPI. At present, the Chief of Engineers has delegated this inventory management responsibility to the Directorate of Real Estate. However, the responsibility for accuracy, completeness, and timeliness of real property information lies with the military command in control of the property. Now that installations are converting to IFS, many new items of information are being added to the inventory, facility numbering is being changed, and inspections are being performed at the installation level to improve the completeness of the inventory. But manpower restrictions have not allowed dual recordkeeping nor the timely transfer over of procedures.

Noticeable discrepancies in the inventory have been identified by REP-S but not all of these have been rectified or justified. The quantity of discrepancies has become so great that REP-S no longer has the manpower available to identify them. Spot checking installation RPI/BIS for inconsistencies is inadequate. Credibility in the entire RPI/BIS for an installation is diminished when, for example, the total cost to the Government for a single category at an installation exceeds the previous quarter's total cost to the Government for the whole installation. As an interim recommendation, a validation procedure, as recommended in Chapter 3, is absolutely required to assist the RPI management in identifying inconsistencies during this critical conversion process. But more importantly, any such discrepancies so identified must be corrected expeditiously in order to provide the Chief of Engineers with inventory information as accurate and complete as possible. This requires full cooperation between the involved agencies and editing capabilities of the RPI/BIS master file in order to input rectified and/or justified changes. For the planned enhancements to IFS at the Headquarters level, REP-S must be able to update, input, edit, and retrieve data via terminal access.

5. A more restrictive roll-up code should be developed and applied to the reconversion of IFS data to RPI format for REP so that no extraneous data appears on the COM reports sent to REP.

6. A representative from REP should assist in the development of IFS-HQ in order to ensure that the needs for access and report generation

by REP will be met. REP belongs in the chain of approval for IFS-HQ system development.

7. If the RPI inconsistency test program recommended in Chapter 3 and in paragraph 4 above is developed, the tape extracted from the RPI master file by EDPC for the expansion and conversion of a particular installation's RPI file should be retained for use in that inconsistency test. Also, each updated RPI/BIS tape during IFS conversion should be retained and subjected to the validation program. The retention period should be until IFS has been fully implemented, the usual retention period for back-up data tapes, or acceptability of the latest data, whichever period is longest.

5 REPORTS GENERATED FROM RPI

Installation-Level Reports

The following reports, created at military installations for installation use, will be described in this chapter:

1. Installation Inventory of Military Real Property (IFS and non-IFS)
2. BIS (IFS and non-IFS)
3. Facility Description Report (IFS)
4. Space Utilization Report (IFS), (formerly, Training and Miscellaneous Support Facilities Report)
5. Real Property Disposal Report (IFS and non-IFS)
6. Fire Protection Report (IFS)
7. Recurring and Deficiency Dollar (R&D\$) Report (IFS)
8. General Information and Suitability for Training Report (IFS)
9. IFS Input Verification Reports:
 - a. AA Exception List
 - b. Missing Essential Data Elements
 - c. Input Report

Since IFS will generate all of these reports for military installations, this section of the chapter does not discuss the format of the non-IFS reports. (To indicate the impact which RPI has on reports other than RPI or BIS, each field of entry dependent on RPI/BIS will be starred.) Data from the RPI must be accurate and complete or the dependent reports will be unreliable and of small value.

Installation Inventory of Military Real Property (Figure 21)

The normal frequency of this report is quarterly, but it can be produced as required. As the installation-level version of the RPI, in compliance with AR 405-15, it provides the installation FE with the capability to update and maintain RPI at the local level, thus allowing more timely and accurate data collection. It is useful for validation of cost data input accuracy. Summarizations within the report are

provided by the type of construction (permanent, semi-permanent, temporary), by a three-position category code, and by installation. The level of detail is a six-digit facility base number.

The fields of entry are:

1. Header: Installation Name and Number; Relation Code; Army Location Code; Status Code; Status/Kind of Operator Code; Function Code and Name; Name of Nearest City; Distance and Direction to Nearest City; County or Political Subdivision; State; Year Installation was Acquired; Rural/Urban Code.

2. Detail: Five-digit Category Code/F4C (Facility Classification and Construction Category Code); Ownership Code; Type Construction Code; Facility Number; Category Description; Area Outgrant (facility numbers having suffixes with the same five-position category code are added to determine the total area vacant for a particular facility number); Cost to Government (in hundreds of dollars -- totaled when facility number suffixes have the same five-position F4C); Area Total (in tenths if the unit of measurement is acres; otherwise in whole numbers) and Unit of Measurement; Year Built/Constructed or Acquired; Building Code; Material Code; Appraised/Estimated Value (in thousands of dollars; all facility number suffixes having the same five-position F4C are added to obtain the total appraised value for a particular facility number); Rent Received (in hundreds of dollars, totaled for a particular facility number); Facility Condition Code; Number of Floors; Annual Rent Paid (in hundreds of dollars, totaled for each unique identical category code/F4C); Area Vacant (in whole numbers); Improvement Costs (in hundreds of dollars, totaled for each unique facility ID when suffixes have identical category codes/F4C's); Total Capacity/Other Measure Total and Unit of Measurement (in whole numbers for units of measurement other than millions of Btu [MBtu], miles, kilogallons/day, kilowatts, tons, or horsepower -- in these cases, expressed to the nearest tenth); Retention/Disposition Code.

The report gives the following totals: the total number of buildings and nonbuilding facilities within each type of construction; the total cost to Government of all facilities within each type of construction; the total area of all facilities within each type of construction; the total estimated value of all facilities within each type of construction; the total rent received of all facilities within each type of construction; the total rent paid for all facilities within each type of construction; the total improvement cost of all facilities within each type of construction; the total capacity (and unit of measurement) for all facilities within each type of construction. These totals are also made for each three-digit Category Code.

Installation summaries made in the report are: total number of buildings and nonbuilding facilities; total cost to government of all facilities; total rent received; total estimated value of all facilities; total rent received; total rent paid; and total improvement cost of all facilities.

The installation distribution of the Installation Inventory of Military Real Property is: one copy to the Master Planning Office, one copy to Plans and Services, and two copies to the Real Property Section. This report is not sent to OCE. If the installation is on IFS, the IM&P and R&D\$ Files are sent to OCE (see Chapter 4) and the RPI is generated at OCE. If the installation is not on IFS (see Chapter 3) the RPI updates are sent in the prescribed format on magnetic tape, punched cards with 80/80 proof listings, or on keypunch transcripts.

Building Information Schedule (BIS) (Figure 22)

The normal frequency of this report is quarterly, but it is available as required. It is the installation-produced version of the Headquarters BIS, and provides managers with detailed data on the buildings on each installation, in compliance with AR 210-1 and AR 405-45. This report can be used to determine of total number of buildings available for specific purposes, together with the utilities available to meet designated needs. It contains data useful to Plans and Services and the Master Planning Office: it lists the various construction materials (for foundation, structure, walls, and roof), utilities available to the buildings, assigned and current use, and recommended Category Code/F4C. Summaries are made for total area and total number of facilities by Category Code/F4C and by Installation Number. This report lists all buildings on an installation and is sequenced first by Category Code/F4C, then by Facility Number. The fields of entry are:

1. Header: Installation Name and Number; Relation Code; Army Location Code.
2. Detail: Facility Number; Category Code/F4C; Category Description; Current Use Category Code; Recommended Category Code; Utilities Available to Buildings Code; Area Total (in square feet), Other Measure Total (in tenths if unit of measurement is MBtu, tons, kilogallons/day, miles, kilowatts, horsepower; otherwise, it is expressed in whole numbers) and Unit of Measurement; Number of Floors; Type Construction Code; Year Built; Fire Resistor Rating; Condition Code; Construction Materials (for foundation, structure, walls, and roof); Estimated Economic Life; and Military Construction, Army (MCA) Number.

The installation-level distribution is: one copy to the Master Planning Office, one copy to Plans and Services, and two copies to the Real Property Section. Magnetic tape is used to send reports to higher headquarters.

Facility Description Report

This report is one of the most voluminous of installation-level reports and can be produced on request no more frequently than semi-annually. At Fort Knox this report is put on COM for easier handling; this report is not generated at non-IFS installations. Update pages are printed each time the AA file is updated.

One section of the report lists all building facilities; the other lists all nonbuilding facilities (roads, pavement, utility plant equipment, etc.), and is sequenced by Facility Number within each of the two sections. It is used primarily as a reference document to obtain all pertinent data relating to each facility; however, it can also be used to verify the presence and accuracy of data essential to the FEMS module of IFS (Functional Group Code); Facility Classification and Construction Category Code (F4C); Facility Activation Status Code; User Code; and Complex Code. The Facility Description report is used for review by inspectors before conducting inspections, for planning and estimating painting, and for other work.

The detail fields of entry for the building section of the Facility Description report are: *Facility Number/Suffix; *Functional Group Code; *Category Code/F4C; *Current Use Category Code; *F4C Description; *User Code; *User Name; *Area Total and Unit of Measurement (to the nearest tenth if in acres; otherwise expressed in whole numbers); *Other Measure Total and Unit of Measurement (measurement is to the nearest tenth if the unit is MBtu, kilogallons/day, kilowatts, miles, tons, or horsepower; otherwise it is expressed in whole numbers); *Complex Code (denotes a grouping of facilities specifically in the area of Family Housing); *Year Constructed or Acquired; *Cost to Government (in hundreds of dollars; e.g., the cost of improvements on Government-owned land); Date Facility was Last Inspected; *Facility Activation Status Code; Facility Condition Code; Facility Condition Percent (a management indicator which provides the FE staff a means to prioritize work on facilities); *Planned Disposition Code; *Type Construction; *Number of Floors; *Floor Bearing Capacity (pounds per square foot); *Total Net Storage (square feet); *Total Net Storage (cubic feet); *Facility Costs -- *appraised/estimated value (in thousands of dollars), appraised/estimated value of donated property, or items constructed with nonappropriated funds or furnished by foreign governments, *Annual Rent Received (in hundreds of dollars); *Annual Rent Paid (in hundreds of dollars); *Improvement Cost (in hundreds of dollars); the Cost of

Government-owned Facilities Constructed on Leased or Rent-Free Land; *Drawing Numbers (mechanical, electrical, structural, architectural); *Maximum Door Height (in tenths of a foot); *Maximum Door Width (in tenths of a foot); *Maximum Ceiling Height (in tenths of a foot); *Construction Material (for foundation, structure, walls, roofs, and floors); *Date Last Painted (exterior; interior); *Facility Area Information -- *foundation area total and unit of measurement, *roof area total and unit of measurement, *floor area total and unit of measurement, *painting exterior area total and unit of measurement, *painting interior area total and unit of measurement; *Air Conditioning Type; *Air Conditioning Capacity (in Btus); *Air Conditioning Area (in square feet); *Humidity Controlled Space (in cubic feet); *Heating Type; *Heating Source (when heated by a central heating plant; *Heating Capacity (in MBtus to the nearest 10,000 Btu); *Heating Fuel Type; *Heat Demand Units; *KVA Rating (the electrical capacity of the building); *Amperes (the capacity, in amperes, of the electrical service to the facility); *Voltage Rating of the electrical service to the facility; *Wire Size; *Electrical Phase of the service to the facility; *Water Pipe Size, Potable (in tenths of an inch); *Water Pipe Size, Industrial (in tenths of an inch); *Sewer Pipe Size, Sanitary (in tenths of an inch); *Sewer Pipe Size, Industrial (in tenths of an inch); *Sewer Pipe Size, Storm (in tenths of an inch); *Sewer Pipe Size, Combination (in tenths of an inch); *Steam Pipe Size (in tenths of an inch); *Steam Pressure (in pounds per square inch); *Steam Pipe Process Size (in tenths of an inch); *Gas Pipe Size (in tenths of an inch); *Gas Pipe Pressure (in pounds per square inch); *Other Available Utilities; Facility Components Conditions and Repair Costs (D\$).

The fields of entry for the section for Facilities Other Than Buildings are similar to the section for Buildings, but are arranged differently. In addition there is a field of entry for *Heated Space (in cubic feet) as well as a field for *Heating Capacity in MBtus. The following fields of the building section are not included in the section for Facilities Other than Buildings: User Name; Date Facility Last Inspected; Facility Activation Status Code; Facility Condition Percent; Number of Floors; Floor Bearing Capacity; Total Net Storage (in square feet or cubic feet); Door Height or Width; Ceiling Height; Construction Material; Date Last Painted; or Facility Area Information.

Distribution is recommended at the installation level only. One copy should be forwarded to the Real Property Section, one copy to the Industrial Engineer Section, one copy to Inspection and Estimating; and one copy to Engineering Plans and Services. The reports are retained and updated monthly with change pages until a completely new report is produced and distributed.

Space Utilization Report

This report (formerly called the Training and Miscellaneous Support Facilities Report at non-IFS installations) is generated monthly or as required. It is produced in two sequences, by Facility Number and by User Code, and lists all facilities on the installation, thereby providing useful cross-reference data and verification of data input. It is used as a planning document for facility assignments, as well as for work reception and work planning/estimating. When sequenced by User Code, this report can determine which facilities are assigned to a given user. A record of key assignments can also be generated by writing in the names of individuals given building keys.

The fields of entry in the section sequenced by Facility Number are: *Facility Number/Suffix Code; *Type Construction Code; *Category Code/F4C; *Category Description; *Current Use Category Code; *User Code; *Area Total and Unit of Measurements (the area is in tenths if the unit is acres; otherwise it is in whole numbers); *Usable Floor Space (only building-type facilities will have an entry in this field); *Other Measure Total and Unit of Measurement (in tenths if unit is MBtus, miles, tons, kilogallons/day, kilowatts, or horsepower; otherwise in whole numbers); Totals by Installation -- number of facilities, total usable floor space.

The report sequenced by User Code has the same fields of entry, arranged differently. The exception is the field Totals by Installation, which is replaced by the field Totals by User Code -- total usable floor space.

The installation-level distribution of the Space Utilization Report is: one copy each to the Real Property Section, Work Reception, Family Housing, and the Building Assignments Office.

Real Property Disposal Report

The Real Property Disposal Report is normally produced quarterly, but it can be generated as required. This report depicts the status of all real property disposal actions on an installation as of the reporting date, in compliance with AR 405-90. It is used by both military installations and higher headquarters, although installations on IFS use magnetic tape to generate the Headquarters report.

A facility will appear on this report from the time it is recommended for disposal until disposal action is completed and the Facility Record is deleted. The current status of disposal actions is depicted by a series of dates (Date Submitted Disposal, Date Approved, Date Disposal Started, and Date Disposal Complete). The report is sequenced by Facility Number within Category Code/F4C.

The fields of entry are: *Category Code (if facility has more than one purpose, it will appear for each applicable category code); *Category Description; *Facility Number (without suffix code); *Type Construction; Area Total and Unit of Measurement; *Other Measure Total and Unit of Measurement; *MCA Number; *Dates of Disposal Actions;¹² *Planned Disposal Code; Totals -- total number of facilities listed for category code; total area of all listed facilities for category code; total other measure of all listed facilities for category code; the total number of disposal actions in each status for each category, total number of facilities (in Disposal Report) listed for the installation and for the entire installation; the total number of disposal actions in each status.

Hard copy reports are distributed at the installation to Plans and Services, the Master Planning Office, and to the Real Property Section (two copies).

Fire Protection Report (IFS)

This report is semi-annual; however, it may be produced as required. It provides a comprehensive inventory of fire protection and alarm systems on an installation in addition to providing the Facilities Manager and staff with current information useful in planning for the expansion and upgrading of fire protection and alarm systems. The report is sequenced by Facility Number/Suffix.

The fields of entry are: *Facility Number/Suffix (facility records containing an "R" [fire extinguishing systems] or a "T" [fire and other alarm systems] in the third position of the suffix code will appear on this report); *Unit Identification Code; *Automatic Sprinkler Systems -- *number of floors covered; *percentage covered, and *type of automatic sprinkler system installed in the facility; *Special Fire Extinguishing Systems -- *number of floors covered, *percentage covered, and *type of special fire extinguishing system installed in the facility; *Standpipe Systems -- *number of floors covered, *percentage covered and *type of standpipe systems installed in the facility; *Automatic Fire Detection Systems -- *number of floors covered, *percentage covered, and *type of automatic fire detection system installed in the facility.

Required distribution of this report is: one hard copy to the Fire Protection Section, FE Directorate at MACOM and one hard copy to the Fire Protection Section, FESA. Distribution at the installation is:

¹²Refer to discussion of disposals status reporting in Chapter 3 of Analysis of Real Estate Status Reporting Procedures, Technical Report P-96/ADA062720 (CERL, October 1978).

one copy each to the Real Property Section, the Master Planning Office, Plans and Services, and the Fire Department.

Recurring and Deficiency Dollar (R&D\$) Report (IFS)

This report is produced annually, but it can be produced as required. It has two sections -- one for buildings, the other for facilities other than buildings and contains all costs associated with a facility from the time the facility is constructed (or from the time IFS is implemented). Data contained in this report are often referred to as the facility "Medical History." Initial acquisition or construction cost is not included in the cumulative Research and Development costs.

Cost information is displayed for Deficiency Dollars (D\$), Recurring Maintenance Dollars (R\$), and Cumulative Minor Construction and Alteration Dollars (L\$). The D\$ portion is useful in analyzing occurrences of deficiency work on different categories of facilities and different type construction. The L\$ portion is used to keep track of statutory allowances on Facility Minor Construction and Alteration Costs. Recurring Maintenance Costs are displayed as total dollars expended for the current fiscal year, prior fiscal year, and cumulative total. Total costs are displayed by Component Code and by Facility. In addition, the report displays the Number of Events for the current fiscal year, prior fiscal year, and cumulative total. (The Number of Events is the computed number of times that recurring maintenance work was performed on a particular facility.) The R\$ portion of this report is used to analyze cost trend from one year to the next, and to make predictions on future costs and work requirements based on historical data.

All facilities on the installation's IFS data base will appear on this report. Since one to two pages are used per facility record, this report is the most voluminous report generated by IFS. (At Fort Knox this report is on COM and read with a microfiche reader.) The report is sequenced by nine-position Facility Number in each of its two sections.

The fields of entry for the R&D\$ Report -- Buildings are: *Facility Number/Suffix; *Functional Group Code; *Amount/Area Total and Unit of Measurement (acres are to the nearest tenth; other units are reported in whole numbers); Part I -- D\$ by Component -- Month and Year of D\$ Event (this date reflects the month and year of the transfer of the costs passed to the AA R&D\$ file as work is completed in the FEMS module; costs are given for each of the building-related components (roof, structures, floor coverings, exterior paint, interior paint, heating, air conditioning, plumbing, electrical, and equipment); D\$ Total This Year For Each Component and Total of All Components; D\$ Cumulative (all D\$ expensed against each component, and the total of all

components, since the inception of the facility and/or IFS); L\$ Cumulative (cumulative minor construction and alteration dollars for each component, and the total of all components); Part 2 -- R\$ by Component -- R\$ Cumulative (total recurring maintenance dollars expensed on the facility are given for each of the building-related components, as given for D\$, with an additional column for previous maintenance data, and the total R\$ for all components), Number of Years/Months (the number of months and years since the facility was added to the IFS data base); Number of Events (the number of times that recurring maintenance work was performed on the facility, displayed by component and by total of all components), Unit Cost (per unit of measurement of amount/area of facility; this is computed by dividing R\$ cumulative for each component by the amount/area and includes total unit cost for all components of the facility); R\$ Prior Year (by component and by total of all components); Number of Events (total number of times during the previous fiscal year that recurring maintenance work was performed on the facility, by component and by total of all components); Unit Cost for Prior Year (by component, and total component unit cost); R\$ Current Year, Number of Events During Current Year; and Unit Cost for the Current Year.

The fields of entry for the section Facilities Other Than Buildings are the same except that the components listed are: utility plant equipment, systems, pavements, trackage, ties, drainage, appurtenances, ground cover, forestry, fish/wildlife.

The installation-level distribution of the R&D\$ report is: one copy to the Real Estate Section, one copy to the Industrial Engineering Section, and two copies to Budget and Accounting.

General Information and Suitability for Training Report (IFS)

This report is produced quarterly as the header page for the Quarterly Report Package (which included the Disposal Report, BIS, and RPI). Tapes sent from installation MISOs are used by Headquarters, Department of the Army to produce this report, as well as the other reports in the Quarterly Report Package.

The General Information and Suitability for Training Report is used as a reference for strategic planning purposes. The data concerns adjacent transportation facilities, geographic location, and suitability of the installation for various types of training. After the initial building of the file, information contained in this report requires very little updating. The report is sequenced by Installation Number within Relation Code. One page is produced for each installation on file.

The fields of data are:

Header: *Installation Name and Number; *Relation code; *Army Location Code.

Detail: *Major Army Command (MACOM); *Major Subordinate Commands, when applicable (MSC); *Using Agency; *Type Installation (permanent or temporary); *Installation Status/Kind of Operator; *Function Code; *Function Name (principal function of the installation); *Congressional District; *State; *Year Acquired (the last three positions of the year in which the installation was initially occupied by the military); *Rural/Urban Code; *Country; *Operator Name; *Name of City Nearest to the Installation; *Distance and Direction to Nearest City (in miles); *County or Political Subdivision; *Name of Nearest Airlift Airfield (military); *Distance to Nearest Military Airfield (in miles); *Capability of Nearest Military Airfield (the largest aircraft which may use the airfield); *Name of Nearest Airlift Airfield (civilian); *Distance to Nearest Civilian Airfield (in miles); *Capability of Nearest Civilian Airfield; *Name of Nearest Seaport (which can accommodate personnel and cargo for training purposes); *Distance to Nearest Seaport (in miles); *Name of Nearest Railhead (which is capable of supporting troop movements by train); *Distance to Nearest Railhead (in miles); *Reserve Forces Use Code; *Critical Utility (denotes the critical utility or utilities which are in scarce supply and will restrict the use or capability of the installation with regard to future expansion); Type Training Suitability (generated noun description of the various type of training facilities based upon the AA input of training suitability code).

The recommended printout distribution of this report at the installation is: two copies to the Real Estate Section, one copy to Plans and Services, and one copy to the Master Planning Office.

IFS Input Verification Reports

Assets Accounting (AA) Exception List

This report is produced each time the AA files are updated and errors are present in input transactions (usually each month). All errors detected on AA input transactions are listed; one line is allowed for each detected error record. The error code is printed under the field in which the error appears, or when the field is longer than one position, the error code is printed in the last position with the remainder of the field underlined.

The eighty columns of the punched card input are reproduced on the left hand side of the report, with a "critical" column on the right; if

"C" appears in the "critical" column, the error indicated is critical and will not allow the card to be processed.

The error code will appear further on the right in the column "CD". The last field is the error message; the first two detected errors will have error messages, but subsequent errors in the transaction will have the message "Other Errors Present." Appendix F of the IFS Users Manual, Vol II (AA) gives a detailed description of correction procedures for each incorrectly input transaction.¹³

This report is given to the Real Property Section and is retained until all transaction errors have been researched and resubmitted with necessary corrections.

Missing Essential Data Elements

This report is produced each time the AA files are updated and missing data are detected (usually monthly). Only nine-position facilities records which have essential data missing will appear on this report. Certain necessary data for the RPI/BIS do not appear on this report (e.g., Construction Materials, Number of Floors) although the data should be entered into the IFS data base to satisfy the reporting requirements of AR 405-45.

This report is primarily used to ensure that all required data are entered into the system as soon as possible. The report is sequenced by Facility Number.

The fields are: *Facility Number/Suffix; Missing Data Elements; Other Missing Data Flag.

Up to eight unique entries per Facility Number can be made on this report for missing essential data. Essential data and the criteria are:

| <u>Data Description</u> | <u>Criteria</u> |
|---|-----------------|
| Area Location Code | Not blank |
| Facility Class and Construction Category Code (F4C) | Not blank |
| Functional Group Code | Not blank |
| Building/Other than Building Code (BOB) | Not blank |
| Retention Code | Not blank |
| F4C Description | Not blank |

¹³Integrated Facilities System (IFS) Assets Accounting Module, User's Manual, Volume II (Department of the Army, OCE, effective 15 August 1977; updated 1 February 1978).

| <u>Data Description</u> | <u>Criteria</u> |
|--------------------------------------|--|
| Area Total | Not blank if unit of measurement (UM1) filled |
| Facility Activation Status Code | Not blank |
| Type Construction Code | Not blank |
| Current Use Category Code | Not blank |
| Other Measure Total | Not blank if UM2 (unit of measurement) is filled |
| Ownership Code | Not blank |
| Building Code/Facility Code (FAC CD) | Not blank |
| User Code | Not blank |
| Cubic Feet Heated Space | Not blank if FAC CD = B, P, M Position 1 = 0-9 when User Code is Family Housing |
| Complex Code | Not blank when Building Code = B, P, M |
| Material Code | Not blank when Building Code = B, P, M |
| Total Cost To Government | When Ownership Code = 1, and |
| Improved Cost to Government | the facility is not utility |
| Appraised/Estimated Value | plant equipment, then cost must be in at least one field; if not, all fields are listed as missing |

The principal distribution of this report is to the Real Property Section of the installation.

Input Report

This report is generated monthly for the Real Property Section for verification of AA input. It is similar to an 80/80 proof listing, depicting the input one line per transaction.

DAEN-REP Reports Based on the RPI/BIS

The reports prepared by REP using RPI/BIS data are either generated by the RPI/BIS system or are manually prepared by REP staff. Reports generated by the RPI system are:

1. Inventory of Army Military Real Property Report
2. Reports regularly extracted from the RPI
3. Replacement Cost Report
4. GSA Inventory Report

Reports prepared manually using RPI/BIS data are:

1. Dawson Report (and Report of Real Property -- Department of the Army)
2. Reports on Request

Civil Works Real Property reports are:

1. GSA Inventory Report
2. In-house Reports

The PILOT report, which is sent to BLM, is also generated by the RPI/BIS system or manually prepared by REP.

Throughout this chapter the term "controlled" is used with reference to real property as "the right of directing the use of property." This includes the following property categories:

1. Owned (acquired through purchase, condemnation, donation or transfer)
2. Leased
3. Public domain (withdrawn permanently)
4. Temporary use (acquired through license or permit, temporary public land order, temporary executive or territorial order)
5. Easements
6. Foreign rights (e.g., base rights agreements, reciprocal aid, requisitioned).

Reports Generated by the RPI System

Inventory of Army Military Real Property (RPI)

This report is an annual summary of the quarterly RPI reports. It is compiled into two volumes -- the United States, and Outside the United States. Except for offices needing both volumes, only the pertinent volumes are distributed to Real Estate Division or District offices, major commands, and other offices (estimated distribution is 115). Information is included on all installations and all leaseholdings separate from installations under the control of the Department of the Army (except river, harbor and flood control real property under the jurisdiction of the Secretary of the Army). Cost is reported only for units of real property owned by the United States. Costs for structural changes (capital improvements) to buildings and facilities not owned by the United States Government are not included. Both volumes contain the following sections:

Section I: indexes to the installations in Section III

Section II: grand total and consolidated summaries

Section III: RPI summaries for individual installations

Section IV: data on leased property which is not all or part of an installation

Section V: installations disposed of during the fiscal year.

Several reports are regularly extracted from the RPI system. These include quarterly reports. They include:

Installation Inventory of Military Real Property (RPI)

Building Information Schedule (BIS)

Chapels Report

Selected Medical Facilities Report.

Annual reports extracted from the RPI system include:

Welfare Report

Army and Air Force Exchange Report.

Replacement Cost Report

This report is produced annually (as of 30 September), using an annually updated Factor Deck of keypunched cards (indicating cost changes) and the RPI system's master file. The report is distributed to ten offices:

1. Office, Secretary of Defense (OSD)
2. Defense Supply Agency (DSAH-WIM)
3. Defense Nuclear Agency, Logistics Directorate
4. Director of Installations and Services DARCOM (DRCIS)
5. DARCOM Real Estate office (DRCIS-ER)
6. DARCOM Installation and Service Agency (DRCIS-RI-IM)
7. Assistant Chief of Engineers, Programming Division (DAEN-ZCP)
8. Assistant Chief of Engineers, Installations Planning Division (DAEN-ZCI)
9. Military Programs Directorate, Resources Management Division (DAEN-MPR)
10. Military Programs Directorate, Operations and Maintenance Division Utilities Branch (DAEN-MPO-U)

The Replacement Cost report contains three summary reports (Replacement Value Reports for Worldwide, for United States, and for Overseas), and two reports sequenced alphabetically by Using Service (one for the United States, the other for overseas).* Army Military Real Property is separated into 14 broad categories (with land as a 15th category):

- 01 Operational and Training
- 02 Maintenance
- 03 Production

* The Replacement Value Report -- Worldwide is manually prepared; the remainder of the reports are generated from the automated RPI System, and where necessary, manually corrected (with sticky tape) by REP-S staff.

- 04 Research and Development
- 05 Fuel Storage
- 06 Ammunition Storage
- 07 Covered Storage
- 08 Open Storage
- 09 Hospital and Medical
- 10 Administrative
- 11 Family Housing
- 12 Troop Housing
- 13 Community Facilities
- 14 Utilities and Ground Improvements
- 15 Land

Each of these categories is further divided into Permanent, Semi-Permanent or Temporary Construction (except for land, which is classified as Permanent). Totals are given for each monetary field.

The fields of entry are: Using Service Code and Description; Category Code and Description; Total Replacement Cost (dollars); Permanent Construction Replacement Cost (dollars); Semi-Permanent Construction Replacement Cost (dollars); and Temporary Construction Replacement Cost (dollars).

GSA Inventory Report

The annual GSA inventory report. Real Property Owned by the United States -- DOD, Corps of Engineers, Military, is generated by an automated GSA system (as of 30 September). EDPC generates the military inventory update tape in compliance with GSA format specifications, using the RPI system. This magnetic tape is one of eight (out of 72 reporting agencies) magnetic tapes sent to GSA to update the inventory; the remaining 64 agencies send in manually prepared forms similar to those used by Civil Works (see Chapter 2).

The fields of entry for the GSA Inventory Report are: GSA Control Number -- Agency/Bureau, Installation; Location -- State or Continent, City, County or Country; Installation Description; Property Code; Excess

Code; Usage Code; Dates Acquired -- From, To; Buildings -- Number, Floor Area (in square feet), % Occupied; Land (acres to nearest tenth) -- Urban, Rural; Cost (in thousands of dollars).

Reports Prepared Manually Using RPI/BIS Data

The Dawson Report

The Dawson Report* is compiled at the end of the fiscal year by the Directorate for Information Operations and Control in the Office of the Assistant Secretary, Department of Defense (Comptroller) [OASD]. It is submitted to the President and to the Congress in compliance with Section 410 of Title IV of the National Security Act of 1947, as amended, and as codified in Section 2701 of Title 10, United States Code.

This Dawson Report is in three parts: Part I -- Military Real Property; Part II -- Military Personal Property; Part III -- DOD-Controlled Real and Personal Property in the Custody of Contractors. The Military Real Property Part is separated into two sections: Inventory of Military Real Property and Military Construction in Progress.

The section on Inventory of Military Real Property presents a summary and brief analysis for each of the three military departments: Army, Navy, and Air Force. Detailed statistics on Civil Works property (river and harbor and flood control property under the jurisdiction of the Secretary of the Army) are not included in this report; summary totals, however, are shown as memorandum items.

The inventory data covering military real property include land and improvements on such property including installed equipment (e.g., elevators, lavatories, plumbing and electrical systems). The data on Cost to Government do not include the amount of rentals paid nor the value of the property under lease, but do include costs of complete facilities, and any improvements made thereto, owned by the Government on leased properties.

Information from the Report of Real Property -- DA (compiled by REP) is used in the following summary charts of the Dawson Report:

1. Summary of Property Holdings -- by Military Department
2. Summary of Property Holdings -- by Location, Military Department or Agency, and Type -- DOD

* The actual title of this annual report is Real and Personal Property of the Department of Defense.

3. Cost of Military Real Property Controlled, by Location and States -- DOD

4. Acreage and Estimated Current Value of Public Domain Lands Used for Military and Civil Functions -- by Military Department and Location -- DOD

5. Acreage and Estimated Present-Day Valuation of Donated Land Used for Military and Civil Functions -- by Military Department and Location -- DOD

6. Cost of Military Real Property -- by Location and Facility Class -- DOD

7. Area and Cost of Ten Largest Categories of Real Property by Category, Worldwide -- DOD

8. Cost of Buildings -- by Military Department and Location -- DOD

9. Annual Rentals Paid and Received for Military Real Property Leased from or Leased to Outside Parties -- by Military Department and Location

10. Real Property Leased by Military Departments, Worldwide

11. Acreage of Military Real Property Controlled -- by Military Department Location and Type of Tenure

12. Cost and Acreage of Military Real Property Controlled -- United States -- DOD

Information from the Report of Real Property -- DA is also used in the following department tables.

1. Cost and Rentals of Military Real Property Controlled in the United States -- by Status and Type of Installation -- DA

2. Acreage of Military Property Controlled in the United States -- by Status and Type of Tenure and Installation -- DA

3. Cost and Acreage of Military Real Property Controlled -- United States -- by Tenure and State -- DA

4. Quantity and Cost of Ten Largest Categories of Military Real Property in the United States -- by Category -- DA.

REP is responsible for producing the Report of Real Property -- DA, OCE which presents real property information for both military

installations and civil works, to be used by DOD in the preparation of the Dawson Report within the Report of Real Property -- DA, OCE. The following reports are made: (see Figures 23 through 35 and 5 through 8):

1. Cost and Rentals of Military Real Property Controlled
2. Acreage of Military Real Property Controlled and Located at Installations
3. Cost to the United States Government of Land Controlled
4. Cost and Rentals of Military Real Property Controlled, United States
5. Acreage of Military Real Property Controlled at Installations, United States
6. Military Real Property Controlled at Installations, by State
7. Listing of Public Domain Lands, Military
8. Listing of Public Domain Lands, Civil
9. Listing of Donated Lands, Military
10. Listing of Donated Lands, Civil
11. Military Real Property Controlled at Installations in Possessions, Territories and Commonwealth of Puerto Rico
12. Military Real Property Controlled at Installations in Foreign Countries
13. Fifteen Largest Categories of Military Real Property Controlled
14. Cost to United States Government of Military Real Property Controlled, by Facility Class
15. Military Construction in Progress
16. Civil Works Property.

Two reports, summaries of all these reports, are given at the conclusion of this report:

17. Military Real Property -- Army -- Comparison of Prior Fiscal Year and Current Fiscal Year Real Property Inventory Data

18. Summary of Real Property Leased to Department of the Army throughout the world.

Data for the Civil Works reports are obtained primarily from the two manually maintained logs (see Chapter 2). The primary source of data for military real property reports is the current RPI/BIS master file, but when these data are judged unreliable by REP, information is taken from the most recent reliable RPI/BIS report.

*Cost and Rentals of Military Real Property Controlled (Figure 23). All monetary entries are in thousands of dollars. Costs and rentals are listed for: Worldwide; United States; Possessions, Territories and Commonwealth of Puerto Rico; and Foreign Countries. The first section presents Cost to Government (cost of land and improvements). This section displays: Total Cost; Total Cost for Active Installations; Total Cost for Inactive Installations; Cost of All Land Controlled; Cost of Buildings; Cost of Structures, Utilities, etc.; Memorandum Item (e.g., cost of improvements on leased land included in cost of buildings and in cost of structures, utilities, etc.). The second section presents Annual Rental Paid for Leased Property: Total; Total Rental Paid for Installations (including Defense Agencies). The third section presents the Total Annual Rental Received for Leased Property.

If a line of totals is obtained from another report in this series, or if cross-referencing is possible, suitable footnotes are made. For example, the Cost for All Land Controlled is taken from the Cost to the United States Government of Land Controlled report.

*Acreage of Military Real Property Controlled and Located at Installations (Figure 24). All acreage entries are to the nearest whole acre. The acreage for each Type/Category Code is displayed for Worldwide; United States; Possessions, Territories and Commonwealth of Puerto Rico; and Foreign Countries. The Types/Category Codes are: Total Acreage; Owned (911); Public Domain (912); License or Permit (913) -- from Department of Interior, Public Domain, or from other; Easements (921); Leased (922); Foreign Rights (923).

*Cost to United States Government of Land Controlled (Figure 5 or 25). This report summarizes information from both Civil Works and the RPI. All monetary entries are in thousands of dollars. The cost (as defined and required by DOD Instruction 4165.14) is shown for Worldwide; United States; Possessions, Territories and Commonwealth of Puerto Rico; and Foreign Countries. The types of land (with Category Codes) are: Owned Land (911); Public Domain Land (912); License or Permit (913); Easements (921); Leased, excluding the cost of acreage leased outside of installations (922); and Foreign Rights (923).

*Cost and Rentals of Military Real Property Controlled, United States (Figure 26). All monetary entries are in thousands of dollars.

The first section displays the Cost (of land and improvements) to U.S. Government. The fields are: Total Cost; Cost for Inactive Installations (and percent of total). Costs are shown for: Total; Non-industrial; Total Industrial; Government-Operated Industrial; Contractor-Operated Industrial.

The second section displays Annual Rental Paid for Leased Property. The fields are: Total Rental; Rental for Active Installations (and percent of total); Rental for Inactive Installations (and percent of total). The rentals paid are shown for: Total Rental; Total Leased on Installations; Nonindustrial; Total Industrial; Government-Operated Industrial; and Total for Nonindustrial Leases Outside of Installations.

The third section displays Annual Rental Received for Leased Property. The fields are: Total Rental; Rental for Active Installations (and percent); Rental for Inactive Installations (and percent). The rentals received are shown for: Total; Nonindustrial; Industrial Total; Government-Operated Industrial; Contractor-Operated Industrial.

*Acreage of Military Real Property Controlled at Installations, United States (Figure 27). All acreage entries are to the nearest whole acre. The report is sequenced by land type. The fields of entry are Total; Acres for Active Installations (and percent of total); Acres for Inactive Installations, including excess installations (and percent of total). For each type of land, the acreage is given for Total; Non-industrial; Total Industrial; Government-Operated Industrial; and Contractor-Operated Industrial. The types of land listed are: Total; Land Owned; Land from Public Domain; Land from License or Permit; Land Used Through Easements; Land Leased (excluding acreage leased outside of installations).

*Military Real Property Controlled at Installations by States (Figure 28). This report is sequenced alphabetically by states. The fields of entry are: State; Cost to U.S. Government (of lands and improvements; in thousands of dollars); Land Area Controlled (to the nearest whole acre) -- total, owned, public domain, license/permit (including temporary use/public domain), easement, leased (excluding acreage leased outside military installations).

*Listing of Public Domain Lands Controlled by Department of the Army -- Military (United States) (Figure 29). This report is sequenced alphabetically by states, and within each state sequenced alphabetically by the name of the installation. The fields of entry are State; Name and Location of Installation; Number of Acres (to the nearest whole acre; if less than 0.5 acres an asterisk is placed in this field); and, Usage. Totals are given for the United States and for each state.

Listing of Public Domain Lands Controlled by Department of the Army -- Civil (Figure 6). This is the Civil Works version of the previous

report. It is sequenced by state alphabetically, and for each state by project name alphabetically. The fields of entry are: State; Name and Location of Project; Number of Acres; Usage. Totals are given for the United States and for each state.

***Listing of Donated Lands Controlled by DA -- Military (Figure 30).**
This report is sequenced alphabetically for the United States, by state, including the Commonwealth of Puerto Rico. Within each state and Puerto Rico the report is sequenced by alphabetic listing of installation names. The fields of entry are State; Name and Location of Installation; Number of Acres (to the nearest whole acre; an asterisk indicates less than half an acre); Estimated Current Value (in thousands of dollars); Usage.

Totals are given for the United States, for each state, for Puerto Rico, and for the United States and Puerto Rico together.

Listing of Donated Lands Controlled by DA -- Civil (Figure 7).
This is the Civil Works version of the previous report. It is sequenced by state alphabetically, and alphabetically by project name for each state. The Commonwealth of Puerto Rico is included after the states. The fields of entry are: State; Name and Location of Project; Number of Acres (to the nearest whole acre; an asterisk indicates less than half an acre); Estimated Current Value (in thousands of dollars; a double asterisk indicates less than \$500); Usage.

Totals are given for the United States, for each state, for Puerto Rico, and for the United States and Puerto Rico together.

***Military Real Property Controlled at Installations -- Possessions, Territories and Commonwealth of Puerto Rico (Figure 31).** Section A of this report is Cost to United States Government (of land and improvements, in thousands of dollars) and lists: Total Cost, Cost for Active Installations, Cost for Inactive Installations, and Percent of Total for Active Installations. These fields are shown for: the Canal Zone, Marshall Islands, Puerto Rico, the Virgin Islands, and total.

Section B of this report lists: Number of Acres Controlled displays for the Canal Zone, Marshall Islands, Puerto Rico, the Virgin Islands, and total. It includes the following fields: Total Acres, Acres Owned, License or Permit, Public Lands, Easements Leased (excluding acreage leased outside of military installations), and Foreign Rights. Acreage is reported to the nearest whole acre.

***Military Real Property Controlled at Installations in Foreign Countries (Figure 32).** Monetary entries are in thousands of dollars; acreage is reported to the nearest whole acre. This report has three sections: Total, Atlantic Area, and Pacific Area. It is sequenced alphabetically within the Atlantic and Pacific Areas, by country. The

fields of entry are Total Cost; Cost for Active Installations; Cost for Inactive Installations; Percent of Total Cost for Active Installations; and Acres (foreign base rights, and other, excluding acreage leased outside installations). Totals are given for each area.

*Fifteen Largest Categories of Military Real Property Controlled (Figure 33). This report is divided into four sections: Worldwide; United States; Possessions, Territories and Commonwealth of Puerto Rico; and Foreign. Each section is sequenced from largest cost to smallest. The fields of entry are Category and Inventory Code; Area -- unit of measure, and quantity (in thousands); Other Measure -- unit of measure, and quantity (nearest whole number); Number of Buildings; Cost to United States Government (in thousands of dollars).

*Cost to United States Government of Military Real Property Controlled, by Facility Class (Figure 34). This report is sequenced by Facility Class and Code. It gives cost of land and improvements (in thousands of dollars) for: Worldwide; United States; Possessions, Territories and Commonwealth of Puerto Rico; Foreign Countries. The facility classes and codes listed are:

| | |
|-----------------------------------|-----|
| Operational and Training | 100 |
| Maintenance and Production | 200 |
| Research and Development | 300 |
| Supply | 400 |
| Hospital and Medical | 500 |
| Administrative | 600 |
| Housing and Community | 700 |
| Utilities and Ground Improvements | 800 |
| Real Estate | 900 |

The total costs also are given for each geographical category.

*Military Construction in Progress (Work in Place) (Figure 35). This is a very short report summarizing total costs (in thousands of dollars) of military construction in progress by general geographical location: Total; United States; Possessions, Territories, and Commonwealth of Puerto Rico; and Foreign Countries.

Civil Works Property (Figure 8). This report summarizes by geographical location (United States or Possessions, Territories and Commonwealth of Puerto Rico) and totals the following items: Number of Acres (with a footnote detailing how many acres are Fee, Public Domain, Easements, Permits and Licenses, or Leases); Cost to U.S. Government (in thousands of dollars) -- Real Property Inventory (with a footnote detailing costs of: Fee Land and Improvements; Easements; Permits, Licenses and Leases); Cost (in thousands of dollars) of Construction in Progress (work in place); Cost of Personal Property.

Military Real Property -- Army -- Comparison of Prior Fiscal Year and Current Fiscal Year Real Property Inventory Data (Figure 55). This summary comparison depicts totals for the prior fiscal year and for the current fiscal year and gives the quantitative difference (plus or minus). The first section gives acreage totals for installations and noninstallations in each of the geographical categories: Worldwide; United States; Possessions, Territories, and Commonwealth of Puerto Rico; and Foreign Countries. The second section gives costs (in thousands of dollars) for each of the geographical categories. The final section depicts total number of installations for each of the geographical categories.

Summary of Real Property Leased to Army Throughout the World (Figure 56). This report depicts, by geographical area (in United States, in Outlying Areas, in Foreign Countries, Worldwide) the following data: the Number of Leases, Acres of Land, Square Footage of Building Areas, and Annual Rental.

Reports on Request

Requests for information from the RPI are phoned or sent in to REP-S. When the request is authorized, the reports are prepared either using an extraction program with the automated RPI system, or more frequently, by manually preparing the report from the most recent quarterly COM of the RPI. The frequency of these reports is irregular: sometimes two or three a day, at other times only two or three a week. An average of 20 to 25 reports are prepared per month. Some examples of the requested reports are:

1. Total number of certain size buildings
2. Total number of particular recreational facilities
3. A particular installation's RPI for use by the Master Planning Office or for use in Congress
4. Data concerning real property in the Panama Canal Zone for a Congressional hearing
5. Data for use in an Energy Consumption Audit
6. Selected installation's RPI for use by the Defense Mapping Agency
7. Medical Facilities report.

Most of the reports are not more than a few pages, but occasionally one, such as the Medical Facilities Report, requires a great amount of preparation time. (In that case the report included: replacement cost;

map grid for the Medical Facility; length, width, and height of rooms as well as doorways; percent utilized. Most of this information was not available from the RPI; staff in the REP-S office had to call individual facilities for the information.)

Civil Works Real Property Reports

GSA Inventory Report (Figure 4)

The annual GSA inventory report, "Real Property Owned by the United States -- DOD, Corps of Engineers, Civil," is generated by an automated GSA system from the manually prepared forms sent from the Civil Works section of REP, as of 30 September. The report is sequenced alphabetically by state, and alphabetically by city within each state (if the property has no city identified in the location, it is sequenced at the end of the state's listings).

The fields of entry are: GSA Control Number -- Agency/Bureau, Installation Number; Location -- State or Continent, City, County, or Country; Installation Description; Property Code; Excess Code; Usage Code; Dates Acquired -- From, To; Buildings -- Number, Floor Area (in square feet), percent Occupied; Land (acres to nearest tenth) -- Urban, Rural; Cost (in thousands of dollars).

In-House Reports

Fifteen Largest Civil Works Installations, by Acres, as of 30 September (Figure 9). This annual report is manually prepared from the Civil Works logs, as are the other in-house reports. It is sequenced from the largest acreage installation to the smallest (of the fifteen). If an installation is in two states, data are given for the individual states as well as totals for the entire installation. The fields of entry are: Installation; State; Acres (to the nearest tenth) -- public domain, fee, total; Cost (in thousands of dollars). The cost includes estimated cost and/or appraised value of donated lands.

Civil Works Real Property, by State, as of 30 September (Figure 10). This annual report is sequenced by state alphabetically, and within each state by Divisions alphabetically. Totals for each field are given by state, as well as a grand total.

The fields of entry are: Division, District and State; Number of Installations; Number of Buildings; Square Footage of Building Area; Acres Fee and Public Domain (to the nearest tenth) -- Urban, Rural; Cost (in thousands of dollars).

Civil Works Real Property, by Division and District, as of 30 September (Figure 11). This annual report is sequenced by Division:

| | |
|------|--------------------------|
| NED | New England |
| NAD | North Atlantic |
| SAD | South Atlantic |
| NCD | North Central |
| ORD | Ohio River |
| LMVD | Lower Mississippi Valley |
| MRD | Missouri River |
| SWD | Southwest |
| NPD | North Pacific |
| SPD | South Pacific |
| POD | Pacific Ocean |

Within each Division it is sequenced alphabetically by District. No Division or District totals are given, only the grand totals for the other fields of entry. The fields of entry are: Division; District; Number of Installations; Number of Buildings; Square Footage of Building Area; Acres Fee and Public Domain (to the nearest tenth) -- Urban, Rural; Cost (in thousands of dollars).

Civil Works Real Property, by Division, District and State, as of 30 September (Figure 12). This annual report gives totals of each field for each District, for each Division, and a grand total. It is sequenced alphabetically by Division (as in the previous report), and alphabetically within each Division by District, then alphabetically within each District, by state.

The fields of entry are: Division, District, State; Number of Installations; Number of Buildings; Square Footage of Building Area; Acres Fee and Public Domain (to the nearest tenth) -- Urban, Rural; Cost (in thousands of dollars).

PILOT Report to BLM (Figure 13)

This new annual report is made on a schedule generated by a BLM automated system. At present only Civil Districts are reporting entitlement acreage (as defined in Chapter 2), but REP-S has been asked to supply preliminary information to the Office of the Secretary of Defense (OSD) for that agency's report to BLM.

The schedule now used by Civil Districts is arranged by units of local government, sequenced by state alphabetically (including Guam, the Virgin Islands, and the Commonwealth of Puerto Rico).

Column 1 lists the units of local government that were eligible for payments in fiscal year 1977 (FY77). Column 2 lists the number of

entitlement acres administered by each unit of local government, used in the fiscal year FY77 payment. Changes or adjustments in acreage for FY77 are entered manually by the District offices in Column 3 (putting negative figures in brackets). The District offices also manually compute and enter the total entitlement acreage for FY78 in Column 4. The District Office enters in Column 5 the acreage excluded from the FY77 PILOT report due to Section 6(a)(4) of the Act which excludes from entitlement any lands that "were owned and/or administered by a State or local unit of government and exempt from the payment of real estate taxes at the time title to such lands is conveyed to the United States."

6 CONCLUSIONS AND RECOMMENDATIONS

Conclusions

REP's primary concern regarding civil and military RPI is assurance of accurate data, so that reports produced by REP, based on input from both civil and military systems, are reliable. Also of major concern is the timeliness of reports generated from the RPI.

Although the majority of data fields are not identical for civil and military RPI reporting, data from both systems are combined in the preparation of the Report of Real Property -- Department of the Army, OCE, which is the input from OCE to the Dawson Report. Also common to both civil and military RPI systems is the GSA RPI, which at present is submitted on magnetic tape for the military RPI and on GSA Forms 1209 and 1166 for Civil Works.

The impact of the IFS on military RPI is tremendous, but the civil RPI will not be affected. The planned enhancements to IFS and IFS-HQ do not include non-IFS reported real property and civil RPI, and will not generate the reports now generated by the RPI/BIS system nor the OCE input to the Dawson Report, the GSA inventory, PILOT for BLM, and the Replacement Cost Report.

General Recommendations

It is recommended that an upgraded, consolidated, automated RPI reporting system (ARPIRS) be designed and developed to satisfy the needs of DAEN-RE. This system should be incorporated as a submodule in a Real Estate Management Information System (REMIS), with visual display terminals giving access to the master files placed in REP Division and District offices, and major command or installation Real Estate offices. It is also recommended that the functional requirements and preliminary design of ARPIRS be prepared. ARPIRS should interface with IFS-HQ where necessary.

Civil Works RPI

No interim change prior to automation is recommended for the current Civil Works RPI reporting.

If ARPIRS is developed, the PILOT report for BLM and the GSA Inventory report should be generated and transmitted on magnetic tape. Visual display terminals in the District offices as well as in REP should make verification and correction of data much quicker and easier. The automated system should also greatly reduce the manhours spent preparing the reports preliminary to the Dawson Report.

Military Installations

As all military installations now reporting RPI to REP are planned for conversion to IFS, the category of non-IFS installations must be regarded as temporary, although some major commands such as USAREUR may remain off of IFS for several years. It is recommended that REP send computer output microform (COM) to all non-IFS installations not having the capability of generating an automated quarterly RPI printout.

In the interim period before ARPIRS is fully operational, it is recommended that an inconsistency testing program be developed for the military RPI. This program should match each installation's old files with new updates, field by field, and should print out fields which appeared in one file but not the other, fields which did not match in data entry, the number of mismatched fields, and the percent of data which is mismatched. REP should determine the maximum number of inconsistencies and the range of discrepancy allowable for incorporation of the updates to the RPI/BIS master file. This validation program should apply to all installations, before, during, and after IFS conversion. As inconsistencies in new RPI/BIS data tapes are identified when compared to previous RPI/BIS data tapes, corrections based on supportive evidence provided by the particular installation need to be entered directly into the RPI/BIS master file via automatic update and entry capabilities. This would improve the accuracy and timeliness of the reports prepared by REP for the Chief of Engineers and higher authority.

It is recommended that the reports developed by REP from RPI data be prepared using only the most recent reliable reportage with a footnote for each installation or major command not showing current data, stating the "as of" date of the data used and, when possible, the reason current data was not used.

It is recommended that a representative from REP assist in the conversion training at the time of an installation's conversion to IFS.

It is recommended that at the time of cutover to IFS, additional inspector/estimators be contracted to assist the installation's initial IFS data loading in order to make RPI data more complete.

It is recommended that the installation maintain a cross-index of old and new facility numbering to make verification of IFS data easier. A more rigid definition of the process of facility numbering would reduce the amount of confusion in checking RPI reliability.

It is finally recommended that a representative from REP should assist in the preparation of functional requirements and design of IFS-HQ. The development of IFS-HQ must be strongly influenced by REP requirements. In fact, REP belongs in the chain of approval for the IFS-HQ system development.

| GENERAL SERVICES ADMINISTRATION ANNUAL REPORT OF REAL PROPERTY OWNED BY THE UNITED STATES | | | | FORM APPROVED BUDGET BUREAU NO. 29-R100.6 | | 1. REPORT AS OF JUNE 30, 19 | |
|---|-----------------------|---|--|--|-------------------------------|--|--|
| (For Instructions see GSA Reg. FPMR (41 CFR) 101-3.4901) | | | | 2. AGENCY CONTROL NO. | | 3. GSA CONTROL NO. | |
| 4. NAME OF INSTALLATION (Abbreviate when necessary so as not (to exceed 23 type spaces) | | | | 5. REPORTING AGENCY | | | |
| | | | | 6. BUREAU OR OTHER MAJOR ORGANIZATION | | | |
| LOCATION | | | | | | | |
| 7. STATE OR CONTINENT | | | 8. CITY OR TOWN | | | 9. COUNTY OR COUNTRY | |
| GEO- GRAPHI- CAL CODE | STATE OR CONTINENT | CITY OR TOWN | COUNTY OR COUNTRY | 10. STREET ADDRESS, RFD, ROUTE NO., OR OTHER LOCAL DESIGNATION | | | |
| LAND | | | | | | | |
| 11. USAGE | | METHOD(S) OF ACQUISITION CODE (A) | | DATE(S) ACQUIRED (Year(s) only) | AREA (Acres to nearest tenth) | | COST (In thousands of dollars-unit 000) |
| | CLASSIFICATION (B) | 12 | 13 | 14 | RURAL 15 | 16 | |
| TOTAL LAND----- | | | | | | | \$ |
| BUILDINGS | | | | | | | |
| 17. USAGE | | NUMBER OF BUILDINGS 18 | DAT(E(S) ACQUIRED (Year(s) only) | GROSS FLOOR AREA (Outer dimensions) TOTAL (\$q. H.) 20 | | PERCENT OCCUPIED 21 | COST (In thousands of dollars-unit 000) 22 |
| CODE (A) | CLASSIFICATION (B) | 19 | | | | | |
| 10. OFFICE | | | | | | | |
| 21. HOSPITAL | | | | | | | |
| 22. PRISON | | | | | | | |
| 23. SCHOOL | | | | | | | |
| 29. OTHER INSTITUTIONAL USES | | | | | | | |
| 30. HOUSING | | | | | | | |
| 40. STORAGE | | | | | | | |
| 50. INDUSTRIAL | | | | | | | |
| 60. SERVICE | | | | | | | |
| 70. RESEARCH AND DEVELOPMENT | | | | | | | |
| 80. ALL OTHER (Specify in Remarks) | | | | | | | |
| 99. TRUST BUILDINGS (Specify in Remarks) | | | | | | | |
| TOTAL BUILDINGS----- | | | | | | | \$ |
| OTHER STRUCTURES AND FACILITIES | | | | | | | |
| 23. USAGE | | COST (In thousands of dollars-unit 000) 24 | | 25. USAGE (Con.) | | COST (Con.) (In thousands of dollars-unit 000) 24 | |
| CODE (A) | CLASSIFICATION (B) | 24 | | CODE (A) | CLASSIFICATION (B) | 24 | |
| 12. AIRFIELD PAVEMENTS | | | | 31. UTILITY SYSTEMS | | | |
| 13. HARBOR AND PORT FACILITIES | | | | 32. COMMUNICATIONS SYSTEMS | | | |
| 15. POWER DEVELOPMENT AND DISTRIBUTION | | | | 33. NAVIGATION AND TRAFFIC AIDS | | | |
| 16. RECLAMATION AND IRRIGATION | | | | 76. ROADS AND BRIDGES | | | |
| 18. FLOOD CONTROL AND NAVIGATION | | | | 77. RAILROADS | | | |
| 40. STORAGE (Other than buildings) | | | | 78. MONUMENTS AND MEMORIALS | | | |
| 50. INDUSTRIAL (Other than buildings) | | | | 79. MISC. MILITARY FACILITIES | | | |
| 60. SERVICE (Other than buildings) | | | | 80. ALL OTHER (Specify in Remarks) | | | |
| 70. RESEARCH AND DEVELOPMENT (Other than buildings) | | | | 99. TRUST (Specify in Remarks) | | | |
| TOTAL COST OTHER STRUCTURES AND FACILITIES----- | | | | | | | \$ |
| 26. TOTAL COST: LAND, BUILDINGS, AND OTHER STRUCTURES AND FACILITIES----- | | | | | | | \$ |
| 26. REMARKS (Use reverse if more space is required) | | | | | | | |
| 27. TYPE OF TRANSACTION (Check one only) | | <input type="checkbox"/> 1. NEW AC- QUISITION | | <input type="checkbox"/> 2. OMISSION | | <input type="checkbox"/> 3. TRANSFER IN | |
| | | <input type="checkbox"/> 4. DIS- POSAL | | <input type="checkbox"/> 5. TRANSFER OUT | | <input type="checkbox"/> 6. RE- VISION | |
| 28. PREPARED BY (Type name and title) | | 29. SIGNATURE | | 30. DATE | | | |

GSA FORM 1166
SEPTEMBER 1968

Figure 1. GSA Form 1166..

| GENERAL SERVICES ADMINISTRATION SUMMARY OF NUMBER OF INSTALLATIONS OWNED BY THE UNITED STATES | | FORM APPROVED BUDGET BUREAU NO. 29-R109.4 | SUMMARY AS OF JUNE 30, 19_____ | |
|---|---|--|-----------------------------------|--|
| (For instructions see GSA Reg. 2-XI-201.04) | | <input type="checkbox"/> IN THE UNITED STATES <input type="checkbox"/> OUTSIDE THE UNITED STATES | | |
| REPORTING AGENCY | | BUREAU OR OTHER MAJOR ORGANIZATION | | |
| ITEM | DESCRIPTION (a) | TRANS-ACTION CODE* (b) | INSTALLATION COUNT (c) | NO. OF GSA FORMS 1166 SUBMITTED (d) |
| A. | INSTALLATIONS AT END OF PRIOR YEAR | | | |
| B. | NEW INSTALLATIONS ACQUIRED SINCE PRIOR REPORT (Exclude transfers from other Federal agencies) | 1 | | |
| C. | COMPLETE INSTALLATIONS OMITTED FROM PRIOR REPORTS | 2 | | |
| D. | INSTALLATIONS TRANSFERRED FROM OTHER FEDERAL AGENCIES | 3 | | |
| E. | COMPLETE INSTALLATIONS DISPOSED OF SINCE PRIOR REPORT (Exclude transfers to other Federal agencies) | 4 | | |
| F. | COMPLETE INSTALLATIONS TRANSFERRED TO OTHER AGENCIES | 5 | | |
| G. | REPORTS ADJUSTING THOSE SUBMITTED IN PRIOR YEARS | 6 | | |
| H. | INSTALLATIONS AT END OF CURRENT YEAR (Items A through D Less total of Items E and F) | | | |
| I. | TOTAL NUMBER OF GSA FORMS 1166 SUBMITTED (Items B through G) | | | |
| REMARKS | | | | |
| PREPARED BY (Type name and title) | | SIGNATURE | | DATE |
| * From GSA Form 1166, Block 27. | | | | |

GSA WASH DC 61-5233

GSA FORM 1209
SEPTEMBER 1960

Figure 2. GSA Form 1209.

Figure 3. ENG Form 0-836.

Figure 4. Real Property Owned by the United States -- DOD, Corps of Engineers, Civil Report.

| | | | | | | | | | | | | | | | | | | | | |
|------|--------|----|------|-----|--|---|----|--------|-----|---|----|------|------|------|------|------|------|--------|---------|-----|
| 9600 | 10570 | 17 | 9999 | 013 | L | 6 | 25 | MISS R | 111 | 1 | 18 | 2 | 1935 | 1963 | 1 | 1500 | 1000 | 6607.2 | 194 | |
| 9600 | 10570 | 17 | 9999 | 013 | L | 6 | 25 | MISS R | 111 | 2 | 40 | 1952 | | | | | | 7 | | |
| 9600 | 10570 | 17 | 9999 | 013 | L | 6 | 25 | MISS R | 111 | 3 | 60 | | | | | | | 1 | | |
| | | | | | | | | | | | | | | | | | | 202 | | |
| 9600 | 32195 | 17 | 9999 | 031 | PROP WITHOUT CITY IDENT INN GRCO AR RELOCATION | | | | | | 1 | 18 | 2 | 1957 | 1969 | | | | 38 | |
| | | | | | | | | | | | | | | | | | | 38 | | |
| 9600 | 09455 | 17 | 9999 | 063 | PROP WITHOUT CITY IDENT DRESDEN ISLAND POOL | | | | | | 1 | 18 | 2 | 1933 | | 2 | 2500 | 1000 | 15.9 | 17 |
| 9600 | 09455 | 17 | 9999 | 063 | DRESDEN ISLAND POOL | | | | | | 2 | 30 | 1932 | | 4 | 1300 | 1000 | 30 | | |
| 9600 | 09455 | 17 | 9999 | 063 | DRESDEN ISLAND POOL | | | | | | 2 | 40 | 1933 | | 6 | 1332 | 1000 | 9 | | |
| 9600 | 09455 | 17 | 9999 | 063 | DRESDEN ISLAND POOL | | | | | | 2 | 60 | 1933 | | 8 | | | 33 | | |
| 9600 | 09455 | 17 | 9999 | 063 | DRESDEN ISLAND POOL | | | | | | 3 | 18 | | | 12 | 5216 | | 2234 | | |
| | | | | | | | | | | | | | | | | | | 2323 | | |
| 9600 | 094673 | 17 | 9999 | 133 | PROP WITHOUT CITY IDENT MISS RIV KENPER PROJECT | | | | | | 1 | 18 | 2 | 1942 | | | | | 13.9 | |
| | | | | | | | | | | | | | | | | | | 13.9 | | |
| 9600 | 094690 | 17 | 9999 | 161 | PROP WITHOUT CITY IDENT MISS. RIVER POOL NO. 16 | | | | | | 1 | 18 | 2 | 1939 | 1941 | 4 | 100 | 1000 | 3260.7 | 323 |
| 9600 | 094690 | 17 | 9999 | 161 | PROP WITHOUT CITY IDENT MISS. RIVER POOL NO. 16 | | | | | | 2 | 60 | 1971 | 1973 | 6 | 540 | | | | |
| 9600 | 094690 | 17 | 9999 | 161 | PROP WITHOUT CITY IDENT MISS. RIVER POOL NO. 16 | | | | | | 2 | 60 | 1971 | 1973 | 8 | 540 | | | | |
| 9600 | 094690 | 17 | 9999 | 161 | PROP WITHOUT CITY IDENT MISS. RIVER POOL NO. 16 | | | | | | 2 | 60 | 1971 | 1973 | 10 | 540 | | | | |
| 9600 | 094690 | 17 | 9999 | 161 | PROP WITHOUT CITY IDENT MISS. RIVER POOL NO. 16 | | | | | | 2 | 60 | 1971 | 1973 | 12 | 540 | | | | |
| 9600 | 30524 | 17 | 9999 | 173 | PROP WITHOUT CITY IDENT 173 UMP WNF STN PEORIA | | | | | | 1 | 18 | 2 | 1971 | | | | | 13.7 | |
| | | | | | | | | | | | | | | | | | | 13.7 | | |
| 9600 | C9690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT C9690 RIVER POOL NO. 13 | | | | | | 1 | 18 | 2 | 1936 | 1944 | 4 | 100 | 1000 | 12663.3 | 745 |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1971 | 1973 | 6 | 540 | | | 3 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 8 | 540 | | | 67 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 10 | 540 | | | 4926 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 12 | 540 | | | 11 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 14 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 16 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 18 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 20 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 22 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 24 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 26 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 28 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 30 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 32 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 34 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 36 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 38 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 40 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 42 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 44 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 46 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 48 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 50 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 52 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 54 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 56 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 58 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 60 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 62 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 64 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 66 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 68 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 70 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 72 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 74 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 76 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 78 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 80 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 82 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | PROP WITHOUT CITY IDENT 094690 RIVER POOL NO. 13 | | | | | | 2 | 60 | 1939 | 1976 | 84 | 540 | | | 4280 | |
| 9600 | 094690 | 17 | 9999 | 990 | | | | | | | | | | | | | | | | |

FORMAT 3

COST TO UNITED STATES GOVERNMENT OF LAND CONTROLLED

DEPARTMENT OF THE ARMY

As of 30 June 1976

(Thousands of Dollars)

| Type and Category Code | World-Wide | United States | Poss., Terr., & Com. of P. R. | Foreign Countries |
|----------------------------|------------------|------------------|-------------------------------|------------------------|
| Total <u>a/</u> | \$207,734 | \$204,526 | \$2,626 | \$582 <u>d/</u> |
| 1. Owned (911) | 204,119 | 200,917 | 2,626 | 576 |
| 2. Public Domain (912) | 542 | 542 <u>c/</u> | - | - |
| 3. License or Permit (913) | 21 | 21 | 0 | 0 |
| 4. Easements (921) | 3,049 | 3,046 | 0 | 3 |
| 5. Leased (922) <u>b/</u> | 1 | 0 | 0 | 1 |
| 6. Foreign Rights (923) | 2 | - | - | 2 |

a/ Data represent cost shown in Column 12 of the format used for reporting inventory as required by DOD Instruction 4165.14.

b/ Excludes the cost of acreage leased outside of installations.

c/ Costs for extinguishment of mineral rights.

d/ Represents \$576(000) spent in Belgium, \$1(000) in Netherlands, and \$5(000) in Panama.

Figure 5. Cost to the United States Government of Land Controlled Summary Report.

FORMAT 6 A

LISTING OF PUBLIC DOMAIN LANDS

CONTROLLED BY DEPARTMENT OF THE ARMY

As of 30 June 1976

Civil

| State | Name and Location of Project | Number of Acres | Usage |
|------------------------|--|-----------------|----------------------------------|
| <u>UNITED STATES -</u> | <u>TOTAL</u> | <u>738,905</u> | |
| <u>ALABAMA -</u> | <u>TOTAL</u> | <u>134</u> | |
| | Holt Lock & Dam, Tuscaloosa Co. | 114 | Flood Control & Navigation |
| | Warrior Lock & Dam, Green & Hale Cos. | 20 | Flood Control & Navigation |
| <u>ALASKA -</u> | <u>TOTAL</u> | <u>52,701</u> | |
| | Bradley Lake Power Project, 3rd State Jud. Dist. | 38,066 | Power Development & Distribution |
| | Dillingham Small Boat Basin, 3rd State Jud. Dist. | 2 | Harbor & Port |
| | Snettisham Power Project, 1st State Jud. Dist. | 14,144 | Power Development & Distribution |
| | Tanana River & Chena Slough Flood Control, 4th State Jud. Dist. | 489 | Flood Control & Navigation |
| <u>ARIZONA -</u> | <u>TOTAL</u> | <u>24,654</u> | |
| | Alamo Lake, Mohave & Yuma Cos. | 18,142 | Flood Control |
| | Painted Rock Dam, Maricopa & Yuma Cos. | 6,202 | Flood Control |
| | Painted Rock Radio Relay Station, Yuma Co. | * | Radio Relay Site |
| | Painted Rock Radio Repeater Site, Maricopa Co. | * | Communication |
| | Painted Rock Radio Repeater Site, Yuma Co. | 29 | Communication |
| | *Less than 0.5 acre | | |

Figure 6. Listing of Public Domain Lands, Civil Summary Report.

FORMAT 6 B
LISTING OF DONATED LANDS CONTROLLED BY
DEPARTMENT OF THE ARMY - CIVIL
As of 30 June 1976
(Thousands of Dollars)

| State | Name and Location of Project | Number of Acres | Estimated Current Value | Usage |
|------------------------|--|-----------------|-------------------------|-----------------------|
| <u>UNITED STATES -</u> | <u>TOTAL</u> | <u>51.279</u> | <u>\$25,024</u> | |
| <u>ALABAMA -</u> | <u>TOTAL</u> | <u>2</u> | <u>**</u> | |
| | Tennessee River, Wilson Lock Florence | 2 | ** | Navigation |
| <u>ALASKA -</u> | <u>TOTAL</u> | <u>612-</u> | <u>\$ 3,035</u> | |
| | Dillingham Small Boat Basin, Dillingham | 26 | 738 | Harbor & Port |
| | Homer Small Boat Harbor, Homer | 35 | 343 | Harbor & Port |
| | Humbolt Harbor, Sand Point | 373 | 112 | Harbor & Port |
| | King Cove Harbor, King Cove | 28 | 5 | Harbor & Port |
| | Seldovia Small Boat Basin, Seldovia | 3 | 85 | Harbor & Port |
| | Seward Small Boat Harbor, Seward | 72 | 854 | Harbor & Port |
| | Sitka Small Boat Basin, Sitka | 30 | 807 | Harbor & Port |
| | Valdez Small Boat Basin, Valdez | 45 | 91 | Harbor & Port |
| <u>ARKANSAS -</u> | <u>TOTAL</u> | <u>145</u> | <u>\$ 100</u> | |
| | Beaver Reservoir Operational Pac, Rogers | 3 | 28 | Admin & Maint |
| | Oak Donnick Floodway, Marked Tree | 142 | 72 | Flood Control & Navig |
| | ** Less than \$500 | | | |

Figure 7. Listing of Donated Lands, Civil Summary Report.

FORMAT 15

CIVIL WORKS PROPERTY
DEPARTMENT OF THE ARMY

As of 30 June 1976

(Cost in Thousands of Dollars)

Real and Personal Property

| Item (a) | Total (b) | United States (c) | Poss., Terr. & Com. of P. R. (d) |
|--|------------------------|-------------------------|--|
| 1. Number of Acres | 11,169,386 <u>a/</u> | 11,169,380 | 6 |
| 2. Cost to U. S. Government - Real Property Inventory | \$14,130,405 <u>b/</u> | \$14,129,919 | \$486 |
| 3. Cost of Construction in Progress (Work in Place) | \$ 7,086,988 | \$ 7,086,988 | - |
| 4. Cost of Personal Property | \$ 530,479 | \$ 530,479 | - |

a/ Includes:
7,230,360 acres Fee
738,905 acres Public Domain
2,742,578 acres Easements
455,094 acres Permits and Licenses
2,449 acres Leases

b/ Includes
\$13,953,237,000 cost of Fee Land and Improvements
\$ 176,932,000 cost of Easements
\$ 236,000 cost of Permits, Licenses and Leases

Figure 8. Civil Works Property Summary Report.

15 Largest Civil Works Installations by Acres as of 30 June 1976
 (cost includes estimated cost and appraised value of donated lands when donated)

| INSTALLATION | STATE | PD | ACRES FEE | TOTAL | COST(000) |
|-----------------------|-------|-----------------|------------------|------------------|----------------|
| 1. Fort Peck Lake | Mont. | 421,429.0 | 167,088.6 | 588,517.6 | 172,471 |
| 2. Garrison Dam | N.D. | 2,824.0 | 455,078.0 | 457,902.0 | 326,064 |
| 3. Lake Oahe | N.D. | 3,751.0 | 77,967.5 | 81,718.5 | 31,225 |
| | S.D. | 9,673.0 | 329,753.0 | 339,426.0 | 341,775 |
| | | <u>13,424.0</u> | <u>407,720.5</u> | <u>421,144.5</u> | <u>373,000</u> |
| 4. Dennison Dam | Okla. | | 134,078.4 | 134,078.4 | 45,929 |
| | Tex. | | 59,803.9 | 59,803.9 | 20,530 |
| | | | <u>193,882.3</u> | <u>193,882.3</u> | <u>66,459</u> |
| 5. Harry S Truman Dam | Mo. | | 155,844.7 | 155,844.7 | 161,235 |
| 6. Eauaula Lake | Okla. | | 153,722.0 | 153,722.0 | 127,231 |
| 7. Clark Hill Lake | Ga. | | 99,950.4 | 99,950.4 | 9,275 |
| | S.C. | | 47,616.1 | 47,616.1 | 78,665 |
| | | | <u>147,566.5</u> | <u>147,566.6</u> | <u>87,940</u> |
| 8. Lake Francis Case | S.D. | 174.0 | 114,199.0 | 114,373.0 | 209,054 |
| 9. Sam Rayburn Res | Tex. | | 114,177.7 | 114,177.7 | 82,484 |
| 10. John Kerr D&R | N.C. | | 27,103.8 | 27,103.8 | 1,688 |
| | Va. | | 77,604.5 | 77,604.5 | 97,423 |
| | | | <u>104,708.3</u> | <u>104,708.3</u> | <u>99,111</u> |
| 11. Bull Shoals Lake | Ark. | 5,043.7 | 59,100.3 | 64,144.0 | 85,848 |
| | Mo. | 54.9 | 35,889.8 | 35,944.7 | 8,895 |
| | | <u>5,098.6</u> | <u>94,990.1</u> | <u>100,088.7</u> | <u>94,743</u> |
| 12. Sardis Lake | Miss. | | 98,048.2 | 98,048.2 | 15,162 |
| 13. Lake Cumberland | Ky. | | 92,285.4 | 92,285.4 | 104,244 |
| 14. Grenada Lake | Miss. | | 85,489.0 | 85,489.0 | 31,443 |
| 15. Leech Lake | Minn. | 84,781.6 | 187.8 | 84,969.4 | 327 |

Figure 9. Fifteen Largest Civil Works
 Installations by Acres Summary Report.

CIVIL WORKS REAL PROPERTY BY STATE
As of 30 June 1976

| <u>DIV., DIST & STATE</u> | <u>NO. INSTLS</u> | <u>NO. BLDGS</u> | <u>SQ FT BLDG AREA</u> | <u>ACRES URBAN</u> | <u>FEES & PD RURAL</u> | <u>COST</u> |
|-------------------------------|-------------------|------------------|------------------------|--------------------|----------------------------|-------------|
| Alabama | | | | | | |
| ORD Nashville | 2 | 2 | 1,890 | .0 | 2.1 | \$ 2,725 |
| SAD Mobile | 25 | 118 | 290,530 | 119.9 | 75,905.3 | 301,062 |
| SAD Savannah | 0 | 0 | 0 | .0 | .0 | 0 |
| | 27 | 120 | 292,420 | 119.9 | 75,907.4 | 303,787 |
| Alaska | | | | | | |
| NPD Alaska | 17 | 5 | 14,542 | 31.3 | 54,498.5 | 4,301 |
| | 17 | 5 | 14,542 | 31.3 | 54,498.5 | 4,301 |
| Arizona | | | | | | |
| SPD Los Angeles | 6 | 3 | 81 | 0 | 34,532.1 | 33,833 |
| | 6 | 3 | 81 | 0 | 34,532.1 | 33,833 |
| Arkansas | | | | | | |
| LMVD Memphis | 8 | 1 | 3,072 | 0 | 1,479.3 | 34,861 |
| LMVD New Orleans | 3 | 0 | 0 | 0 | 1,148.1 | 37 |
| LMVD Vicksburg | 9 | 196 | 121,976 | 2.1 | 184,997.7 | 65,073 |
| SWD Little Rock | 28 | 80 | 145,533 | 134.8 | 309,733.9 | 871,026 |
| SWD Tulsa | 4 | 21 | 20,161 | 0 | 56,361.2 | 82,680 |
| | 52 | 298 | 290,742 | 136.9 | 553,720.2 | 1,053,677 |
| California | | | | | | |
| NPD Portland | 1 | 0 | 0 | 0 | 139.1 | 0 |
| SPD Los Angeles | 27 | 76 | 120,705 | 9,425.9 | 10,176.6 | 143,089 |
| SPD Sacramento | 43 | 143 | 195,417 | 166.7 | 105,228.0 | 264,428 |
| | 71 | 219 | 316,122 | 9,592.6 | 115,543.7 | 407,517 |
| Colorado | | | | | | |
| MRD Omaha | 3 | 9 | 9,096 | 6,730.0 | 7,788.7 | 112,405 |
| SWD Albuquerque | 2 | 15 | 16,369 | 0 | 24,033.3 | 14,863 |
| | 5 | 24 | 25,465 | 6,730.0 | 31,822.0 | 127,268 |
| Connecticut | | | | | | |
| NED New England | 11 | 42 | 42,307 | 6,374.7 | 685.9 | 53,719 |
| | 11 | 42 | 42,307 | 6,374.7 | 686.9 | 53,719 |
| Delaware | | | | | | |
| NAD Philadelphia | 15 | 5 | 2,056 | 19.0 | 13,016.6 | 16,298 |
| | 15 | 5 | 2,056 | 19.0 | 13,016.6 | 16,298 |
| District of Columbia | | | | | | |
| NAD Baltimore | 9 | 33 | 123,916 | 319.5 | 0 | 30,963 |
| | 9 | 33 | 123,916 | 319.5 | 0 | 30,963 |
| Florida | | | | | | |
| SAD Jacksonville | 14 | 66 | 118,362 | 604.7 | 8,610.3 | 39,177 |
| SAD Mobile | 11 | 13 | 14,562 | 2.2 | 17,146.7 | 50,280 |
| SAD Savannah | 0 | 0 | 0 | 0 | 0 | 0 |
| | 25 | 79 | 132,924 | 606.9 | 25,757.0 | 89,457 |
| Georgia | | | | | | |
| SAD Mobile | 9 | 70 | 129,692 | 0 | 213,627.7 | 336,745 |
| SAD Savannah | 11 | 22 | 67,171 | 5.8 | 128,251.7 | 93,169 |
| | 20 | 92 | 196,863 | 5.8 | 341,879.4 | 429,914 |
| Hawaii | | | | | | |
| POD POD | 6 | 3 | 51,132 | 5.0 | 20.7 | 8,787 |
| | 6 | 3 | 51,132 | 5.0 | 20.7 | 8,787 |

Figure 10. Civil Works Property by State Summary Report.

CIVIL WORKS REAL PROPERTY BY STATE
As of 30 June 1976

| <u>DIV, DIST & STATE</u> | <u>NO. INSTL</u> | <u>NO. BLDGs</u> | <u>SQ FT BLDG AREA</u> | <u>ACRES URBAN</u> | <u>FEE & PD RURAL</u> | <u>COST</u> |
|------------------------------|----------------------|----------------------|--------------------------------|------------------------|-------------------------------|-------------|
| Idaho | | | | | | |
| NPD Seattle | 1 | 20 | 8,131 | 0 | 9,352.3 | \$ 30,570 |
| NPD Walla Walla | 4 | 63 | 61,919 | 0 | 55,973.3 | 438,962 |
| | 5 | 83 | 70,050 | 0 | 65,325.6 | 469,532 |
| Illinois | | | | | | |
| LMVD St. Louis | 12 | 146 | 92,653 | 112.5 | 142,120.6 | 120,068 |
| NCD North Central | 44 | 108 | 162,955 | 344.1 | 47,262.1 | 86,263 |
| ORD Louisville | 4 | 44 | 45,535 | 0 | 108.5 | 27,412 |
| ORD Nashville | 1 | 0 | 0 | 0 | 758.1 | 988 |
| | 61 | 298 | 301,143 | 456.6 | 190,249.3 | 234,731 |
| Indiana | | | | | | |
| NCD North Central | 2 | 0 | 0 | 35.3 | 0 | 3,724 |
| ORD Louisville | 19 | 184 | 187,790 | 6.7 | 117,711.8 | 322,251 |
| | 21 | 184 | 187,790 | 42.0 | 117,711.8 | 325,975 |
| Iowa | | | | | | |
| MRD Kansas City | 1 | 61 | 19,797 | 0 | 33,908.8 | 25,768 |
| MRD Omaha | 5 | 4 | 2,681 | 0 | 2,322.9 | 1,839 |
| NCD North Central | 17 | 121 | 107,833 | 7.2 | 140,081.4 | 70,331 |
| | 23 | 186 | 130,311 | 7.2 | 176,313.1 | 97,938 |
| Kansas | | | | | | |
| MRD Kansas City | 10 | 426 | 146,710 | 0 | 219,573.0 | 289,170 |
| SWD Tulsa | 11 | 163 | 67,030 | 0 | 108,891.3 | 106,846 |
| | 21 | 589 | 213,740 | 0 | 328,464.3 | 396,016 |
| Kentucky | | | | | | |
| LMVD Memphis | 0 | 0 | 0 | 0 | 0 | 0 |
| ORD Huntington | 9 | 39 | 44,113 | 0 | 55,970.9 | 140,956 |
| ORD Louisville | 55 | 299 | 250,759 | 401.9 | 102,424.5 | 379,403 |
| ORD Nashville | 9 | 75 | 93,671 | 205.2 | 159,864.8 | 287,680 |
| | 73 | 413 | 388,543 | 607.1 | 318,260.2 | 808,039 |
| Louisiana | | | | | | |
| LMVD New Orleans | 48 | 131 | 283,051 | 198.8 | 60,860.4 | 182,846 |
| LMVD Vicksburg | 12 | 30 | 26,221 | 189.3 | 15,088.3 | 6,644 |
| SAD Mobile | 1 | 16 | 9,766 | 0 | 636.4 | 5,965 |
| SWD Galveston | 1 | 0 | 0 | 0 | 51.2 | 6 |
| | 62 | 177 | 319,038 | 388.1 | 76,636.3 | 195,461 |
| Maine | | | | | | |
| WES WES | 1 | 1 | 360 | 3.1 | 0 | 74 |
| NED New England | 1 | 0 | 0 | 0 | 6.0 | 0 |
| | 2 | 1 | 360 | 3.1 | 6.0 | 74 |
| Maryland | | | | | | |
| NAD Baltimore | 11 | 20 | 658,875 | 401.4 | 2,609.2 | 37,890 |
| NAD Philadelphia | 5 | 7 | 18,370 | 132.0 | 3,559.9 | 4,901 |
| ORD Pittsburgh | 1 | 0 | 0 | 0 | 1,070.0 | 128 |
| | 17 | 27 | 677,245 | 533.4 | 7,239.1 | 42,919 |
| Massachusetts | | | | | | |
| NED New England | 15 | 73 | 68,731 | 7,971.0 | 8,848.5 | 90,175 |
| | 15 | 73 | 68,731 | 7,971.0 | 8,848.5 | 90,175 |
| Michigan | | | | | | |
| NCD North Central | 34 | 52 | 267,761 | 303.7 | 2,367.6 | 81,893 |
| | 34 | 52 | 267,761 | 303.7 | 2,367.6 | 81,893 |
| Minnesota | | | | | | |
| NCD North Central | 37 | 142 | 150,255 | 115.3 | 121,231.3 | 67,990 |
| | 37 | 142 | 150,255 | 115.3 | 121,231.3 | 67,990 |

Figure 10. (Continued).

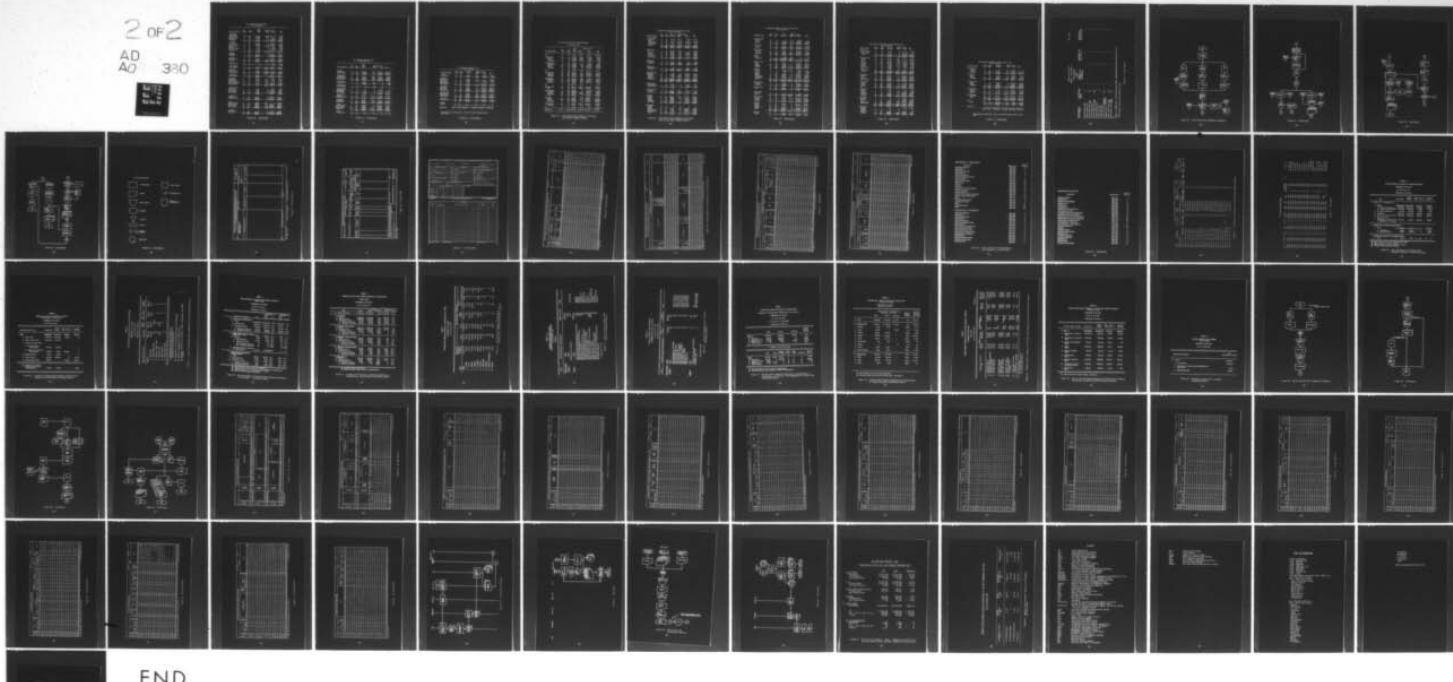
AD-A068 360 CONSTRUCTION ENGINEERING RESEARCH LAB (ARMY) CHAMPAIGN IL F/G 5/1
ANALYSIS OF REAL PROPERTY INVENTORY REPORTING PROCEDURES. (U)
APR 79 C P ALTHEIDE, S S GANUS

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CIVIL WORKS REAL PROPERTY BY STATE
As of 30 June 1976

| DIV, DIST & STATE | NO. INSTLS | NO. BLDGs | SQ FT BLDG AREA | ACRES FEE & PD | | COST |
|-----------------------|---------------|--------------|-----------------------|----------------|-----------|-----------|
| | | | | URBAN | RURAL | |
| Mississippi | | | | | | |
| LMVD Memphis | 0 | 0 | 0 | 0 | 0 | 0 |
| LMVD Vicksburg | 24 | 266 | 360,204 | 551.9 | 268,287.1 | 87,508 |
| WES Waterways | 1 | 229 | 2,165,970 | 595.4 | .0 | 17,137 |
| ORD Nashville | 1 | 2 | 3,884 | .0 | 10,852.0 | 6,545 |
| SAD Mobile | 8 | 12 | 12,737 | 0 | 13,836.5 | 12,903 |
| | 34 | 509 | 2,542,795 | 1,147.3 | 292,975.6 | 124,093 |
| Missouri | | | | | | |
| LMVD Memphis | 2 | 167 | 64,969 | 0 | 44,469.3 | 7,878 |
| LMVD St. Louis | 9 | 29 | 109,750 | 18.3 | 93,790.2 | 40,170 |
| MRD Kansas City | 22 | 231 | 115,970 | 5,704.2 | 252,807.6 | 294,020 |
| MRD Omaha | 1 | 0 | 0 | 0 | 84.7 | 386 |
| NCD North Central | 4 | 14 | 2,760 | 0 | 3,018.4 | 7,643 |
| SWD Little Rock | | 14 | 19,757 | 0 | 114,203.0 | 93,424 |
| SED Tulsa | 0 | 0 | 0 | 0 | 0 | 0 |
| | 42 | 455 | 313,206 | 5,722.5 | 508,373.2 | 443,521 |
| Montana | | | | | | |
| MRD Omaha | 1 | 160 | 311,014 | 0 | 588,517.6 | 172,471 |
| NPD Seattle | 1 | 5 | 25,702 | 0 | 5,136.0 | 5,691 |
| | 2 | 165 | 336,716 | 0 | 593,653.6 | 178,162 |
| Nebraska | | | | | | |
| MRD Kansas City | 1 | 42 | 23,897 | 0 | 30,261.3 | 49,590 |
| MRD Omaha | 25 | 30 | 131,825 | 374.0 | 27,865.4 | 91,593 |
| | 26 | 72 | 155,722 | 374.0 | 58,126.7 | 141,183 |
| Nevada | | | | | | |
| SPD Los Angeles | 2 | 0 | 0 | 0 | 671.0 | 1,390 |
| | 2 | 0 | 0 | 0 | 671.0 | 1,390 |
| New Hampshire | | | | | | |
| NED New England | 6 | 46 | 37,772 | 2,421.5 | 16,079.5 | 39,126 |
| | 6 | 46 | 37,772 | 2,421.5 | 16,079.5 | 39,126 |
| New Jersey | | | | | | |
| NAD New York | 5 | 2 | 31,470 | 90.0 | 3.3 | 1,330 |
| NAD Philadelphia | 20 | 4 | 9,801 | 2,043.4 | 12,953.7 | 28,177 |
| | 25 | 6 | 41,271 | 2,133.4 | 12,957.0 | 29,507 |
| New Mexico | | | | | | |
| SWD Albuquerque | 7 | 38 | 89,869 | 0 | 25,750.2 | 50,171 |
| | 7 | 38 | 89,869 | 0 | 25,750.2 | 50,171 |
| New York | | | | | | |
| NAD Baltimore | 9 | 14 | 15,528 | 71.3 | 6,238.4 | 18,839 |
| NAD New York | 9 | 7 | 18,071 | 209.7 | 293.5 | 2,107 |
| NAD Philadelphia | 0 | 0 | 0 | 0 | 0 | 0 |
| NCD North Central | 4 | 10 | 59,159 | 387.6 | 3,821.6 | 28,338 |
| ORD Pittsburg | 1 | 0 | 0 | 0 | 2,266.1 | 1,182 |
| | 23 | 31 | 92,758 | 668.6 | 12,619.6 | 50,466 |
| North Carolina | | | | | | |
| NAD Norfolk | 1 | 3 | 614 | 0 | 258.3 | 450 |
| SAD Charleston | 1 | 14 | 15,923 | 0 | 3,753.8 | 7,056 |
| SAD Savannah | 4 | 1 | 244 | 0 | 48,296.8 | 34,379 |
| SAD Wilmington | 14 | 29 | 38,085 | 1 | 32,331.6 | 6,685 |
| | 20 | 47 | 54,866 | 3 | 84,640.5 | 48,570 |
| North Dakota | | | | | | |
| MRD Omaha | 4 | 207 | 379,166 | 0 | 550,524.0 | 369,783 |
| NCD North Central | 2 | 31 | 12,389 | 0 | 8,221.7 | 4,630 |
| | 6 | 238 | 391,455 | 0 | 558,745.7 | 374,413 |
| Ohio | | | | | | |
| NCD North Central | 7 | 5 | 14,996 | 27.2 | 0 | 18,102 |
| ORD Huntington | 35 | 209 | 230,819 | 132.1 | 46,561.4 | 289,778 |
| ORD Louisville | 6 | 30 | 63,166 | 3.3 | 26,602.1 | 79,216 |
| ORD Pittsburg | 7 | 53 | 59,084 | .32.3 | 29,994.9 | 155,205 |
| | 55 | 297 | 368,065 | 194.8 | 103,158.4 | 542,301 |
| Oklahoma | | | | | | |
| SWD Little Rock | 1 | 0 | 0 | 0 | 234.7 | 8,755 |
| SED Tulsa | 30 | 584 | 362,283 | 0 | 879,645.3 | 1,026,751 |
| | 31 | 584 | 362,283 | 0 | 879,880.0 | 1,035,506 |

Figure 10. (Continued).

CIVIL WORKS REAL PROPERTY BY STATE
As of 30 June 1976

| DIV, DIST & STATE | NO. INSTL | NO. BLDGs | SQ FT BLDG AREA | ACRES URBAN | FEE & PD RURAL | COST |
|-------------------|--------------|--------------|-----------------------|----------------|-------------------|-----------|
| Oregon | | | | | | |
| NPD Portland | 38 | 227 | 596,341 | 24.3 | 103,162.1 | 1,118,739 |
| NPD Walla Walla | 1 | 5 | 51,636 | 0 | 5,425.3 | 223,999 |
| | 39 | 232 | 647,977 | 24.3 | 108,587.4 | 1,342,738 |
| Pennsylvania | | | | | | |
| NAD Baltimore | 10 | 56 | 56,319 | 556.1 | 51,992.4 | 55,844 |
| NAD Philadelphia | 11 | 37 | 176,070 | 506.6 | 19,420.3 | 68,234 |
| ORD Pittsburg | 30 | 135 | 319,727 | 74.8 | 34,271.3 | 360,309 |
| | 51 | 228 | 552,116 | 1,137.5 | 105,684.0 | 484,387 |
| Puerto Rico | | | | | | |
| SAD Jacksonville | 1 | 6 | 29,298 | 5.5 | 0 | 486 |
| | 1 | 6 | 29,298 | 5.5 | 0 | 486 |
| Rhode Island | | | | | | |
| NED New England | 1 | 0 | 0 | 1.4 | 0 | 7 |
| | 1 | 0 | 0 | 1.4 | 0 | 7 |
| South Carolina | | | | | | |
| SAD Charleston | 3 | 0 | 0 | 0 | 60.0 | 3 |
| SAD Savannah | 6 | 20 | 18,553 | 0 | 97,968.1 | 103,338 |
| SAD Wilmington | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 20 | 18,553 | 0 | 98,028.1 | 103,341 |
| South Dakota | | | | | | |
| MRD Omaha | 9 | 171 | 381,854 | 1,159.7 | 518,481.5 | 669,578 |
| NCD North Central | 1 | 0 | 0 | 0 | 547.2 | 21 |
| | 10 | 171 | 381,854 | 1,159.7 | 519,028.7 | 669,599 |
| Tennessee | | | | | | |
| LMVD Memphis | 5 | 15 | 146,917 | 138.8 | 2,334.3 | 4,702 |
| ORD Nashville | 11 | 253 | 312,585 | 77.1 | 189,993.8 | 292,754 |
| | 16 | 268 | 459,502 | 215.9 | 192,328.1 | 297,456 |
| Texas | | | | | | |
| LMVD New Orleans | 3 | 14 | 14,644 | 0 | 136,283.0 | 57,882 |
| SWD Fort Worth | 21 | 595 | 298,838 | 1.8 | 449,465.0 | 463,016 |
| SWD Galveston | 24 | 66 | 118,083 | 2,562.8 | 46,106.6 | 50,661 |
| SWD Tulsa | 3 | 71 | 38,199 | 0 | 79,082.9 | 30,140 |
| | 51 | 746 | 469,764 | 2,564.6 | 710,937.5 | 801,699 |
| Utah | | | | | | |
| SPD Sacramento | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 |

Figure 10. (Continued).

CIVIL WORKS REAL PROPERTY BY STATE
As of 30 June 1976

| <u>DIV, DIST & STATE</u> | <u>NO. INSTLS</u> | <u>NO. BLDGs</u> | <u>SQ FT BLDG AREA</u> | <u>ACRES URBAN</u> | <u>FEES & PD RURAL</u> | <u>COST</u> |
|------------------------------|-----------------------|----------------------|----------------------------|------------------------|--------------------------------|----------------------|
| Vermont | | | | | | |
| NED New England | 6 | 39 | 39,125 | 842.1 | 5,079.5 | 35,532 |
| Virginia | | | | | | |
| NAD Baltimore | 4 | 7 | 91,106 | 6.6 | .2 | 10,476 |
| NAD Norfolk | 6 | 52 | 116,694 | 6,361.5 | 6,905.3 | 12,455 |
| ORD Huntington | 3 | 14 | 19,143 | 0 | 14,335.8 | 26,752 |
| SAD Savannah | 0 | 0 | 0 | 0 | 0 | 0 |
| SAD Wilmington | 2 | 27 | 27,637 | 0 | 86,930.8 | 113,691 |
| Washington | 15 | 100 | 254,580 | 6,368.1 | 108,172.1 | 163,374 |
| MPD Portland | 7 | 19 | 8,302 | 0 | 31,652.9 | 302,538 |
| MPD Seattle | 18 | 39 | 78,604 | 179.5 | 6,422.8 | 220,329 |
| MPD Walla Walla | 6 | 65 | 78,473 | 0 | 63,944.5 | 843,025 |
| West Virginia | 31 | 123 | 165,379 | 179.5 | 102,020.2 | 1,365,892 |
| NAD Baltimore | 3 | 1 | 1,281 | 20.3 | 847.1 | 2,573 |
| ORD Huntington | 19 | 96 | 102,859 | 38.2 | 108,074.3 | 283,929 |
| ORD Pittsburg | 8 | 25 | 37,123 | 82.2 | 3,140.8 | 119,325 |
| Wisconsin | 30 | 122 | 141,263 | 140.7 | 112,062.2 | 405,827 |
| NCD North Central | 40 | 102 | 120,380 | 147.7 | 39,851.0 | 54,226 |
| Wyoming | 40 | 102 | 120,380 | 147.7 | 39,851.0 | 54,226 |
| MRD Omaha | 0 | 0 | 0 | 0 | 0 | 0 |
| GRAND TOTAL | 1,214 | 7,793 | 12,330,106 | 57,708.8 | 7,911,556.1 | \$ 13,953,237 |

Acres reported to the nearest tenth. Dollars to the nearest thousand dollars.
Others actual.

Figure 10. (Continued).

CIVIL WORKS REAL PROPERTY BY DIVISION AND DISTRICT

AS OF 30 JUNE 1976

| <u>DIV., DIST & STATE</u> | <u>NO INSTL</u> | <u>NO BLDGs</u> | <u>SQ FT BLDG AREA</u> | <u>ACRES</u> | <u>Fee & PD</u> | |
|-------------------------------|---------------------|---------------------|--------------------------------|-----------------|---------------------|-------------------|
| | | | | <u>URBAN</u> | <u>RURAL</u> | <u>COST</u> |
| NED | 40 | 200 | 187,935 | 17,610.7 | 30,699.4 | \$ 218,559 |
| NAD Baltimore | 46 | 131 | 947,025 | 1,375.2 | 61,687.3 | 156,585 |
| New York | 14 | 9 | 49,541 | 299.7 | 296.8 | 3,437 |
| Norfolk | 7 | 55 | 117,308 | 6,361.5 | 7,163.6 | 12,905 |
| Philadelphia | 51 | 53 | 206,297 | 2,701.0 | 48,950.5 | 117,610 |
| SAD Charleston | 4 | 14 | 15,923 | 0 | 3,813.8 | 7,059 |
| Jacksonville | 15 | 72 | 147,660 | 610.2 | 8,610.3 | 39,663 |
| Mobile | 54 | 229 | 457,287 | 122.1 | 321,152.6 | 706,955 |
| Savannah | 21 | 43 | 85,968 | 5.8 | 274,516.6 | 230,886 |
| Wilmington | 16 | 56 | 65,722 | 0.3 | 119,262.4 | 120,376 |
| NCD | 192 | 585 | 898,388 | 1,368.1 | 396,402.3 | 423,161 |
| ORD Huntington | 66 | 358 | 396,934 | 170.3 | 224,942.4 | 714,415 |
| Louisville | 84 | 557 | 547,250 | 411.9 | 246,846.9 | 808,282 |
| Nashville | 24 | 332 | 412,030 | 282.3 | 361,470.8 | 590,692 |
| Pittsburgh | 47 | 213 | 415,934 | 189.2 | 70,743.1 | 636,149 |
| LMVD Memphis | 15 | 183 | 214,958 | 138.8 | 48,282.9 | 47,441 |
| New Orleans | 54 | 145 | 297,695 | 198.8 | 198,291.5 | 240,765 |
| St Louis | 21 | 175 | 202,403 | 130.8 | 235,910.8 | 160,238 |
| Vicksburg | 45 | 492 | 508,401 | 743.3 | 468,373.1 | 159,225 |
| WES | 2 | 230 | 2,166,330 | 598.5 | 0 | 17,211 |
| MRD Kansas City | 34 | 760 | 306,374 | 5,704.2 | 536,550.7 | 658,548 |
| Omaha | 48 | 581 | 1,215,363 | 8,263.7 | 1,695,584.8 | 1,418,055 |
| SWD Albuquerque | 9 | 53 | 106,238 | 0 | 49,783.5 | 65,034 |
| Fort Worth | 21 | 595 | 298,838 | 1.8 | 449,465.0 | 463,016 |
| Galveston | 25 | 66 | 118,083 | 2,562.8 | 46,157.8 | 50,667 |
| Little Rock | 33 | 94 | 165,290 | 134.8 | 424,171.6 | 973,205 |
| Tulsa | 48 | 839 | 487,673 | 0 | 1,123,980.7 | 1,246,417 |
| NPD Alaska | 17 | 5 | 14,542 | 31.3 | 54,498.4 | 4,301 |
| Portland | 46 | 246 | 604,643 | 24.3 | 134,954.1 | 1,421,277 |
| Seattle | 20 | 64 | 112,437 | 179.5 | 20,911.1 | 256,590 |
| Walla Walla | 11 | 133 | 192,028 | 0 | 125,343.1 | 1,505,986 |
| SPD Los Angeles | 35 | 79 | 120,786 | 9,425.9 | 45,397.7 | 178,312 |
| Sacramento | 43 | 143 | 195,417 | 166.7 | 105,228.0 | 264,428 |
| POD | 6 | 3 | 51,132 | 5.0 | 20.7 | 8,787 |
| GRAND TOTAL | 1,214 | 7,793 | 12,330,106 | 59,818.5 | 7,909,446.4 | 13,953,237 |

Figure 11. Civil Works Real Property by Division and District Summary Report.

CIVIL WORKS REAL PROPERTY BY DIVISION, DISTRICT & STATE
As of 30 June 1976

| <u>DIV. DIST. STATE</u> | <u>NO. INSTLS</u> | <u>NO. BLDGs</u> | <u>SQ FT BLDG AREA</u> | <u>ACRES URBAN</u> | <u>FEES & PD RURAL</u> | <u>COST</u> |
|-------------------------|-----------------------|----------------------|----------------------------|------------------------|--------------------------------|-------------|
| NED New England | | | | | | |
| Connecticut | 11 | 42 | 42,307 | 6,374.7 | 685.9 | \$ 53,719 |
| Maine | 1 | 0 | 0 | 0 | 6.0 | 0 |
| Massachusetts | 15 | 73 | 68,731 | 7,971.0 | 8,848.5 | 90,175 |
| New Hampshire | 6 | 46 | 37,772 | 2,421.5 | 16,079.5 | 39,126 |
| Rhode Island | 1 | 0 | 0 | 1.4 | 0 | 7 |
| Vermont | 6 | 39 | 39,125 | 842.1 | 5,079.5 | 35,532 |
| | 40 | 200 | 187,935 | 17,610.7 | 30,699.4 | 218,559 |
| | 40 | 200 | 187,935 | 17,610.7 | 30,699.4 | 218,559 |
| NAD Baltimore | | | | | | |
| DC | 9 | 33 | 123,916 | 319.5 | 0 | 30,963 |
| Maryland | 11 | 20 | 658,875 | 401.4 | 2,609.2 | 37,890 |
| New York | 8 | 14 | 15,528 | 71.3 | 6,238.4 | 18,839 |
| Pennsylvania | 10 | 56 | 56,319 | 556.1 | 51,992.4 | 55,844 |
| Virginia | 4 | 7 | 91,106 | 6.6 | .2 | 10,476 |
| West Virginia | 3 | 1 | 1,281 | 20.3 | 847.1 | 2,573 |
| | 46 | 131 | 947,025 | 1,375.2 | 61,687.3 | 156,585 |
| NAD New York | | | | | | |
| New Jersey | 5 | 2 | 31,470 | 90.0 | 3.3 | 1,330 |
| New York | 9 | 7 | 18,071 | 209.7 | 293.5 | 2,107 |
| | 14 | 9 | 49,541 | 299.7 | 296.8 | 3,437 |
| NAD Norfolk | | | | | | |
| North Carolina | 1 | 3 | 614 | 0 | 258.3 | 450 |
| Virginia | 6 | 52 | 116,694 | 6,361.5 | 6,905.3 | 12,455 |
| | 7 | 55 | 117,308 | 6,361.5 | 7,163.6 | 12,905 |
| NAD Philadelphia | | | | | | |
| Delaware | 15 | 5 | 2,056 | 19.0 | 13,016.6 | 16,298 |
| Maryland | 5 | 7 | 18,370 | 132.0 | 3,559.9 | 4,901 |
| New Jersey | 20 | 4 | 9,801 | 2,043.4 | 19,953.7 | 28,177 |
| New York | 0 | 0 | 0 | 0 | 0 | 0 |
| Pennsylvania | 11 | 37 | 176,070 | 506.6 | 19,420.3 | 68,234 |
| | 51 | 53 | 206,297 | 2,701.0 | 48,950.5 | 117,610 |
| | 118 | 248 | 1,320,171 | 10,737.4 | 118,098.2 | 290,537 |
| SAD Charleston | | | | | | |
| North Carolina | 1 | 14 | 15,923 | 0 | 3,753.8 | 7,056 |
| South Carolina | 3 | 0 | 0 | 0 | 60.0 | 3 |
| | 4 | 14 | 15,923 | 0 | 3,813.8 | 7,059 |
| SAD Jacksonville | | | | | | |
| Florida | 14 | 66 | 118,362 | 604.7 | 8,610.3 | 39,177 |
| Puerto Rico | 1 | 6 | 29,298 | 5.5 | 0 | 486 |
| | 15 | 72 | 147,660 | 610.2 | 8,610.3 | 39,663 |
| SAD Mobile | | | | | | |
| Alabama | 25 | 118 | 290,530 | 119.9 | 75,905.3 | 301,062 |
| Florida | 11 | 13 | 14,562 | 2.2 | 17,146.7 | 50,280 |
| Georgia | 9 | 70 | 129,692 | 0 | 213,627.7 | 336,745 |
| Louisiana | 1 | 16 | 9,766 | 0 | 636.4 | 5,965 |
| Mississippi | 8 | 12 | 12,737 | 0 | 13,836.5 | 12,903 |
| | 54 | 229 | 457,287 | 122.1 | 321,152.6 | 706,955 |
| SAD Savannah | | | | | | |
| Alabama | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | 11 | 22 | 67,171 | 5.8 | 128,251.7 | 93,169 |
| North Carolina | 4 | 1 | 244 | 0 | 48,296.8 | 34,379 |
| South Carolina | 6 | 20 | 18,553 | 0 | 97,968.1 | 103,338 |
| Virginia | 0 | 0 | 0 | 0 | 0 | 0 |
| | 21 | 43 | 85,963 | 5.8 | 274,516.6 | 230,886 |

Figure 12. Civil Works Real Property by Division, District and State Summary Report.

CIVIL WORKS REAL PROPERTY BY DIVISION, DISTRICT & STATE
As of 30 June 1976

| <u>DIV/DIST & STATE</u> | <u>NO. INSTLS</u> | <u>NO. BLDGs</u> | <u>SQ FT BLDG AREA</u> | <u>ACRES URBAN</u> | <u>FEES & PD RURAL</u> | <u>COST</u> |
|-----------------------------|-----------------------|----------------------|----------------------------|------------------------|--------------------------------|-------------|
| LMVD New Orleans | | | | | | |
| Arkansas | 3 | 0 | 0 | .0 | 1,148.1 | 37 |
| Louisiana | 48 | 131 | 283,051 | 198.8 | 60,860.4 | 182,846 |
| Texas | 3 | 14 | 14,644 | .0 | 136,283.0 | 57,882 |
| | 54 | 145 | 297,695 | 198.8 | 198,291.5 | 240,765 |
| LMVD St Louis | | | | | | |
| Illinois | 12 | 146 | 92,653 | 112.5 | 142,120.6 | 120,069 |
| Missouri | 9 | 29 | 109,750 | 18.3 | 93,790.2 | 40,170 |
| | 21 | 175 | 202,403 | 130.8 | 235,970.8 | 160,238 |
| LMVD Vicksburg | | | | | | |
| Arkansas | 9 | 196 | 121,976 | 2.1 | 184,997.7 | 65,073 |
| Louisiana | 12 | 30 | 26,221 | 189.3 | 15,088.3 | 6,644 |
| Mississippi | 24 | 266 | 360,204 | 551.9 | 268,287.1 | 87,508 |
| | 45 | 492 | 508,401 | 743.3 | 468,373.1 | 159,225 |
| LMWD WES | | | | | | |
| Maine | 1 | 1 | 360 | 3.1 | 0 | 74 |
| Mississippi | 1 | 229 | 2,165,970 | 595.4 | 0 | 17,137 |
| | 2 | 230 | 2,166,330 | 598.5 | 0 | 17,211 |
| | 137 | 1,225 | 3,389,787 | 1,810.2 | 950,858.3 | 624,880 |
| MRD Kansas City | | | | | | |
| Iowa | 1 | 61 | 19,797 | 0 | 33,908.8 | 25,768 |
| Kansas | 10 | 426 | 146,710 | 0 | 219,573.0 | 289,170 |
| Missouri | 22 | 231 | 115,970 | 5,704.2 | 252,807.6 | 294,020 |
| Nebraska | 1 | 42 | 23,897 | 0 | 30,261.3 | 49,590 |
| | 34 | 760 | 306,374 | 5,704.2 | 536,550.7 | 658,548 |
| MRD Omaha | | | | | | |
| Colorado | 3 | 9 | 9,096 | 6,730.0 | 7,788.7 | 112,405 |
| Iowa | 5 | 4 | 2,681 | 0 | 2,322.9 | 1,839 |
| Missouri | 1 | 0 | 0 | 0 | 84.7 | 386 |
| Montana | 1 | 160 | 311,014 | 0 | 588,517.6 | 172,471 |
| Nebraska | 25 | 30 | 131,825 | 374.0 | 27,865.4 | 91,593 |
| North Dakota | 4 | 207 | 379,166 | 0 | 550,524.0 | 369,783 |
| South Dakota | 9 | 171 | 381,854 | 1,159.7 | 518,481.5 | 669,578 |
| Wyoming | 0 | 0 | 0 | 0 | 0 | 0 |
| | 48 | 581 | 1,215,636 | 8,263.7 | 1,695,584.8 | 1,418,055 |
| | 82 | 1,341 | 1,522,010 | 13,967.9 | 2,232,135.5 | 2,076,603 |
| SWD Albuquerque | | | | | | |
| Colorado | 2 | 15 | 16,369 | 0 | 24,033.3 | 14,863 |
| New Mexico | 7 | 38 | 89,869 | 0 | 25,750.2 | 50,171 |
| | 9 | 53 | 106,238 | 0 | 49,783.5 | 65,034 |
| SWD Fort Worth | | | | | | |
| Texas | 21 | 595 | 298,838 | 1.8 | 449,465.0 | 463,016 |
| | 21 | 595 | 298,838 | 1.8 | 449,465.0 | 463,016 |
| SWD Galveston | | | | | | |
| Louisiana | 1 | 0 | 0 | 0 | 51.2 | 6 |
| Texas | 24 | 66 | 118,083 | 2,562.8 | 46,106.6 | 50,661 |
| | 25 | 66 | 118,083 | 2,562.8 | 46,157.8 | 50,667 |
| SWD Little Rock | | | | | | |
| Arkansas | 28 | 80 | 145,533 | 134.8 | 309,733.9 | 871,026 |
| Missouri | 4 | 14 | 19,757 | 0 | 114,203.0 | 93,424 |
| Oklahoma | 1 | 0 | 0 | 0 | 234.7 | 8,755 |
| | 33 | 94 | 165,290 | 134.8 | 424,171.6 | 973,205 |
| SWD Tulsa | | | | | | |
| Arkansas | 4 | 21 | 20,161 | 0 | 56,361.2 | 82,680 |
| Kansas | 11 | 163 | 67,030 | 0 | 108,891.3 | 106,846 |
| Missouri | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 30 | 584 | 362,283 | 0 | 879,645.3 | 1,026,751 |
| Texas | 3 | 71 | 38,199 | 0 | 79,082.9 | 30,140 |
| | 48 | 839 | 487,673 | 0 | 1,123,980.7 | 1,246,477 |
| | 136 | 1,647 | 1,176,122 | 2,699.4 | 2,093,558.6 | 2,798,339 |
| NPD Alaska | | | | | | |
| Alaska | 17 | 5 | 14,542 | 31.3 | 54,498.5 | 4,301 |
| | 17 | 5 | 14,542 | 31.3 | 54,498.5 | 4,301 |

Figure 12. (Continued).

CIVIL WORKS REAL PROPERTY BY DIVISION, DISTRICT & STATE
As of 30 June 1976

| DIV/DIV, STATE | NO. INSTLS | NO. BLDGs | SQ FT BLDG AREA | ACRES URBAN | FEE & PD RURAL | COST |
|-------------------|---------------|--------------|--------------------|----------------|-------------------|-----------|
| SAD Wilmington | | | | | | |
| North Carolina | 14 | 29 | 38,085 | .3 | 32,221.6 | 6,685 |
| South Carolina | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | 2 | 27 | 27,637 | 0 | 86,930.8 | 113,691 |
| | 16 | 56 | 65,722 | 3 | 119,262.4 | 120,376 |
| | 110 | 414 | 772,560 | 738.4 | 727,355.7 | 1,104,939 |
| NCD North Central | | | | | | |
| Illinois | 44 | 108 | 162,955 | 344.1 | 47,262.1 | 86,263 |
| Indiana | 2 | 0 | 0 | 35.3 | 0 | 3,724 |
| Iowa | 17 | 121 | 107,833 | 7.2 | 140,081.4 | 70,331 |
| Michigan | 34 | 52 | 267,761 | 303.7 | 2,367.6 | 81,893 |
| Minnesota | 37 | 142 | 150,255 | 115.3 | 121,231.3 | 67,990 |
| Missouri | 4 | 14 | 2,760 | 0 | 3,018.4 | 7,643 |
| New York | 4 | 10 | 59,159 | 387.6 | 3,821.6 | 28,338 |
| North Dakota | 2 | 31 | 12,289 | 0 | 8,221.7 | 4,630 |
| Ohio | 7 | 5 | 14,996 | 27.2 | 0 | 18,102 |
| South Dakota | 1 | 0 | 0 | 0 | 547.2 | 21 |
| Wisconsin | 40 | 102 | 120,380 | 147.7 | 39,851.0 | 54,226 |
| | 192 | 585 | 898,388 | 1,368.1 | 366,402.3 | 423,161 |
| | 192 | 585 | 898,388 | 1,368.1 | 366,402.3 | 423,161 |
| ORD Huntington | | | | | | |
| Kentucky | 9 | 39 | 44,113 | 0 | 55,970.9 | 140,956 |
| Ohio | 35 | 209 | 230,819 | 132.1 | 46,561.4 | 289,778 |
| Virginia | 3 | 14 | 19,143 | 0 | 14,335.8 | 26,752 |
| West Virginia | 19 | 96 | 102,859 | 38.2 | 108,074.3 | 283,929 |
| | 66 | 358 | 396,934 | 170.3 | 224,942.4 | 741,415 |
| ORD Louisville | | | | | | |
| Illinois | 4 | 44 | 45,535 | 0 | 108.5 | 27,412 |
| Indiana | 19 | 184 | 187,790 | 6.7 | 117,711.8 | 322,251 |
| Kentucky | 55 | 299 | 250,759 | 401.9 | 102,424.5 | 379,403 |
| Ohio | 6 | 30 | 63,166 | 3.3 | 26,602.1 | 79,216 |
| | 84 | 557 | 547,250 | 411.9 | 246,846.9 | 808,282 |
| ORD Nashville | | | | | | |
| Alabama | 2 | 2 | 1,890 | 0 | 2.1 | 2,725 |
| Illinois | 1 | 0 | 0 | 0 | 758.1 | 988 |
| Kentucky | 9 | 75 | 93,671 | 205.2 | 159,864.8 | 287,680 |
| Mississippi | 1 | 2 | 3,884 | 0 | 10,852.0 | 6,545 |
| Tennessee | 11 | 253 | 312,585 | 77.1 | 189,993.8 | 292,754 |
| | 24 | 332 | 412,030 | 282.3 | 361,470.8 | 590,692 |
| ORD Pittsburgh | | | | | | |
| Maryland | 1 | 0 | 0 | 0 | 1,070.0 | 128 |
| New York | 1 | 0 | 0 | 0 | 2,266.1 | 1,182 |
| Ohio | 7 | 53 | 59,084 | 32.2 | 29,994.9 | 155,205 |
| Pennsylvania | 30 | 135 | 319,727 | 74.8 | 34,271.3 | 360,309 |
| West Virginia | 8 | 25 | 37,123 | 82.2 | 3,140.8 | 119,325 |
| | 47 | 213 | 415,934 | 189.2 | 70,743.1 | 636,149 |
| | 221 | 1,460 | 1,772,148 | 1,053.7 | 904,003.2 | 2,776,538 |
| LMVD Memphis | | | | | | |
| Arkansas | 8 | 1 | 3,072 | 0 | 1,479.3 | 34,361 |
| Kentucky | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 0 | 0 | 0 | 0 | 0 | 0 |
| Missouri | 2 | 167 | 64,969 | 0 | 44,469.3 | 7,878 |
| Tennessee | 5 | 15 | 146,917 | 138.8 | 2,334.3 | 4,702 |
| | 15 | 183 | 214,958 | 138.8 | 48,282.9 | 47,441 |

Figure 12. (Continued).

CIVIL WORKS REAL PROPERTY BY DIVISION, DISTRICT & STATE
As of 30 June 1976

| <u>DIV/STATE, STATE</u> | <u>NO. INSTLS</u> | <u>NO. BLDGs</u> | <u>SQ FT BLDG AREA</u> | <u>ACRES URBAN</u> | <u>FEE & PD RURAL</u> | <u>COST</u> |
|--|-----------------------|------------------------|---------------------------------------|--------------------------------|--|--|
| NPD Portland California Oregon Washington | 1 38 7 46 | 0 227 19 246 | 0 596,341 8,302 604,643 | .0 24.3 .0 24.3 | 139.1 103,162.1 31,652.9 134,954.1 | 0 1,113,739 302,538 1,421,277 |
| NPD Seattle Idaho Montana Washington | 1 1 18 20 | 20 5 39 64 | 8,131 25,702 78,604 112,437 | .0 .0 179.5 179.5 | 9,352.3 5,136.0 6,422.8 20,911.1 | 30,570 5,691 220,329 256,590 |
| NPD Walla Walla Idaho Oregon Washington | 4 1 6 11 | 63 5 65 133 | 61,919 51,636 78,473 192,028 | 0 0 0 0 | 55,973.3 5,425.3 63,944.5 125,343.1 | 438,962 223,999 843,025 1,505,986 |
| SPD Los Angeles Arizona California Nevada | 6 27 2 35 | 3 76 0 79 | 81 120,705 0 120,786 | .0 9,425.9 .0 9,425.9 | 34,532.1 10,176.6 671.0 45,379.7 | 33,833 143,089 1,390 178,312 |
| SPD Sacramento California Utah | 43 0 43 78 | 143 0 143 222 | 195,417 0 195,417 316,203 | 166.7 0 166.7 9,592.6 | 105,228.0 0 105,228.0 150,607.7 | 264,428 0 264,428 442,740 |
| P00 Hawaii | 6 6 6 | 3 3 3 | 51,132 51,132 51,132 | 5.0 5.0 5.0 | 20.7 20.7 20.7 | 8,787 8,787 8,787 |
| Grand Total | 1,214 | 7,793 | 12,330,106 | 59,818.5 | 7,909,446.4 | 13,953,237 |

Acres reported to nearest tenth. Dollars to the nearest thousand dollars. Others actual.

Figure 12. (Continued).

PAYMENTS IN LIEU OF TAXES
ACREAGE - FY 1978 - SECTION 1

CORPS OF ENGINEERS

ARKANSAS

| ¹ NAME OF ELIGIBLE UNIT OF GOVERNMENT | ² ENTITLEMENT ACRES USED IN FY 1977 PAYMENT | ³ CHANGES TO TO ENTITLE ACRES IN COLUMN 2 (SEE NOTE BELOW) | ⁴ ENTITLEMENT ACREAGE FOR FY 1978 (COL. 2 + COL. 3) | ⁵ ACREAGE EXCLUDED FROM FY 1977 PILT DUE TO SEC. 6(A)(4) |
|--|---|---|---|--|
| 041013013 CLEVELAND COUNTY | 0 | + | - | - |
| 041014014 COLUMBIA COUNTY | 0 | + | - | - |
| 041015015 CONWAY COUNTY <i>See</i> | 257 | + | - | - |
| 041016016 CRAIGHEAD COUNTY | 0 | + | - | - |
| 041017017 CRANFORD COUNTY <i>See</i> | 4,780 | + | - | - |
| 041018018 CRITTENDEN COUNTY | 0 | + | - | - |
| 041019019 CROSS COUNTY | 0 | + | - | - |
| 041020020 DALLAS COUNTY | 0 | + | - | - |
| 041021021 DESHA COUNTY <i>See 2,362</i> | 2,474 | + | - | - |
| 041022022 DREW COUNTY <i>See 1/25</i> | 0 | + | - | - |
| 041023023 FAULKNER COUNTY <i>See</i> | 242 | + | - | - |
| 041024024 FRANKLIN COUNTY <i>See</i> | 6,935 | + | - | - |

NOTE

INCLUDE ALL WITHDRAWN LANDS, IF NOT ALREADY INCLUDED IN COLUMN 2, UNDER YOUR ADMINISTRATIVE JURISDICTION AS OF SEPT 30
1977

ACREAGE REDUCTIONS SHOULD BE SHOWN IN BRACKETS, THUS (xxx).

Figure 13. PILOT report.

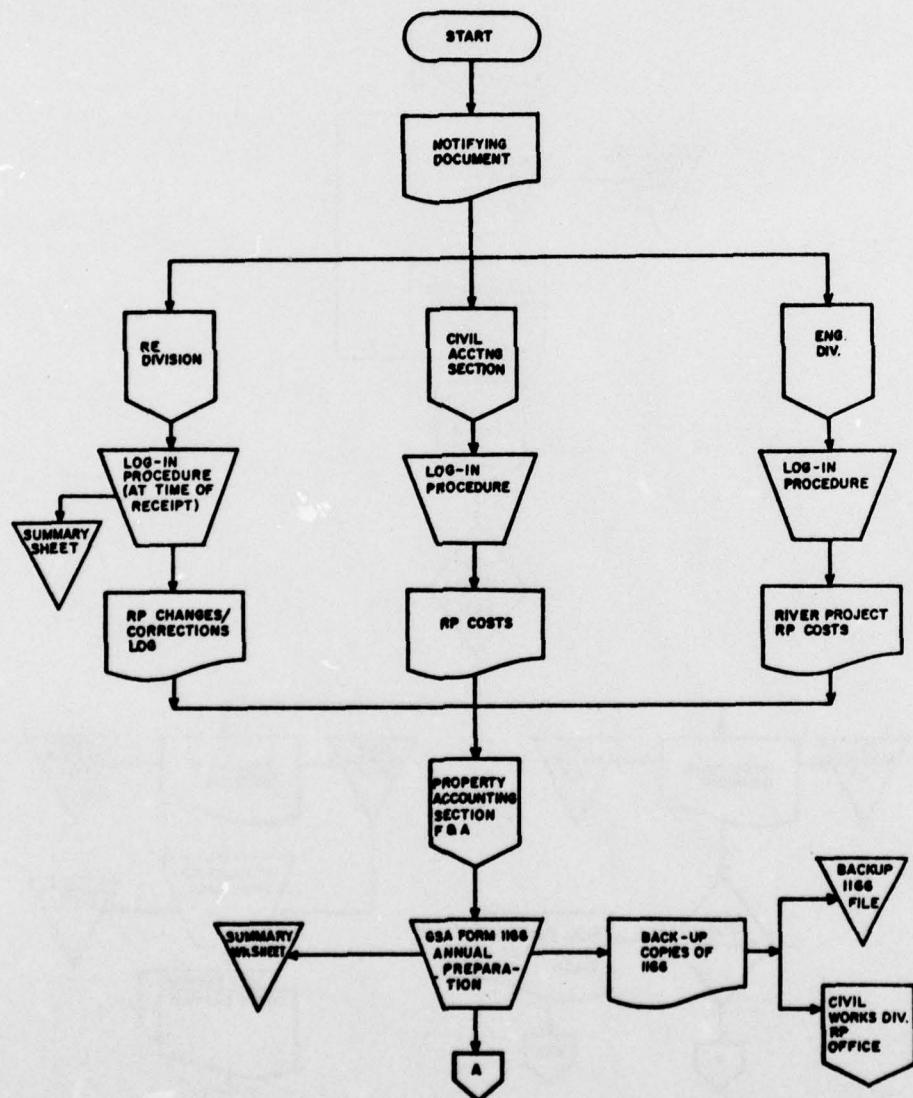


Figure 14. Civil Works RPI information flowchart.

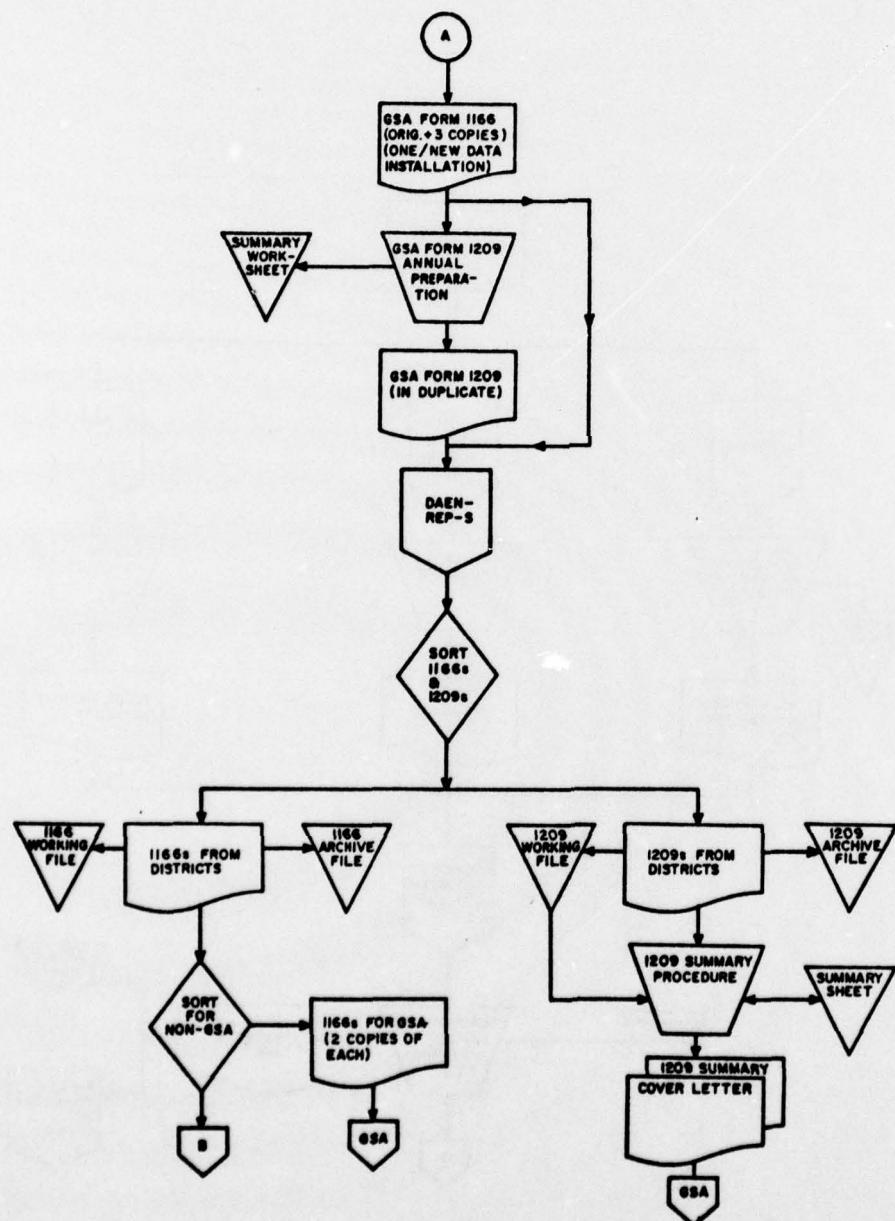


Figure 14. (Continued).

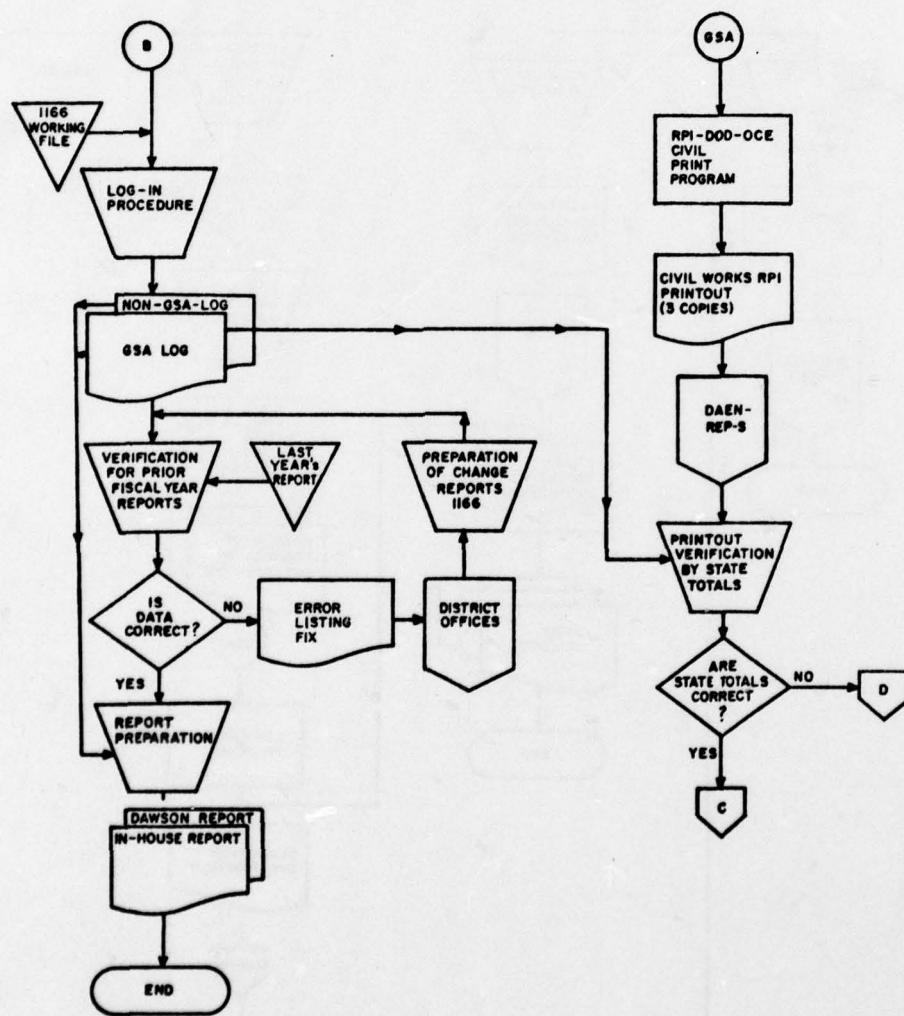


Figure 14. (Continued).

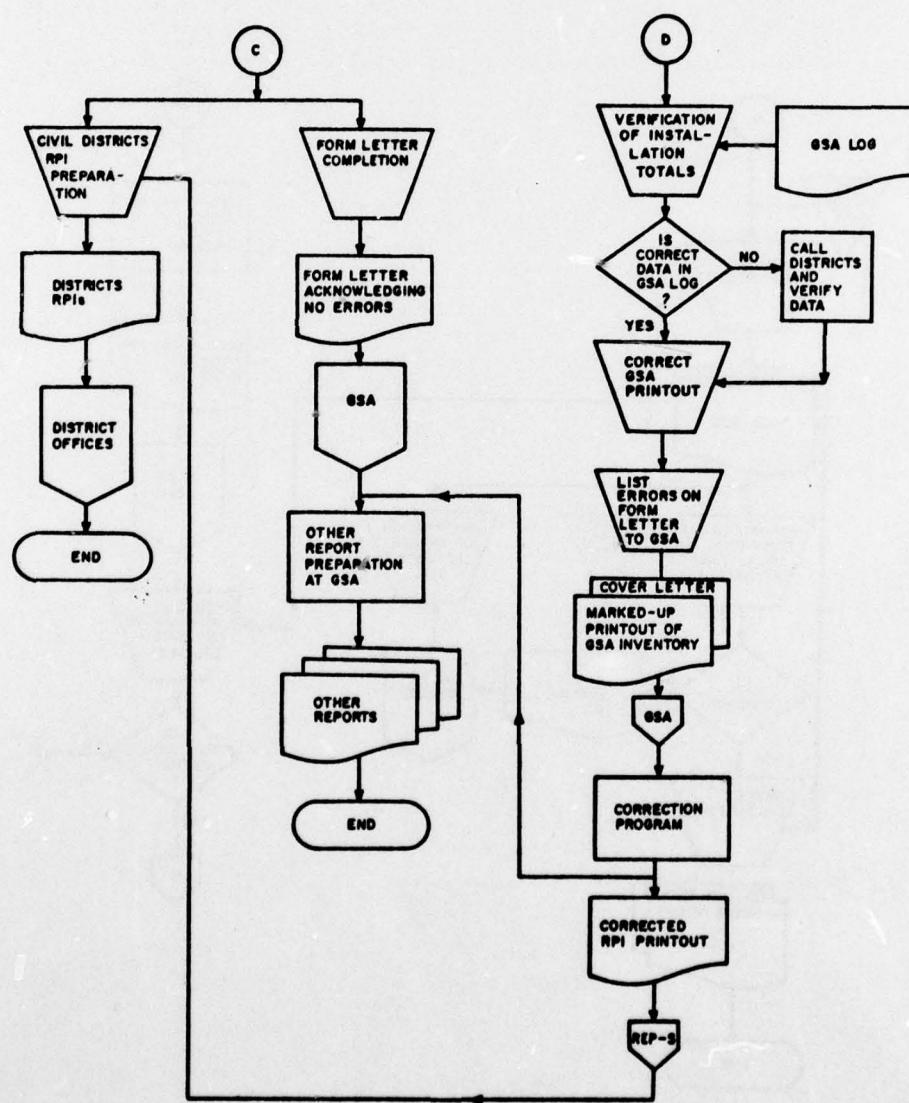


Figure 14. (Continued).

KEY TO FLOWCHART SYMBOLS:

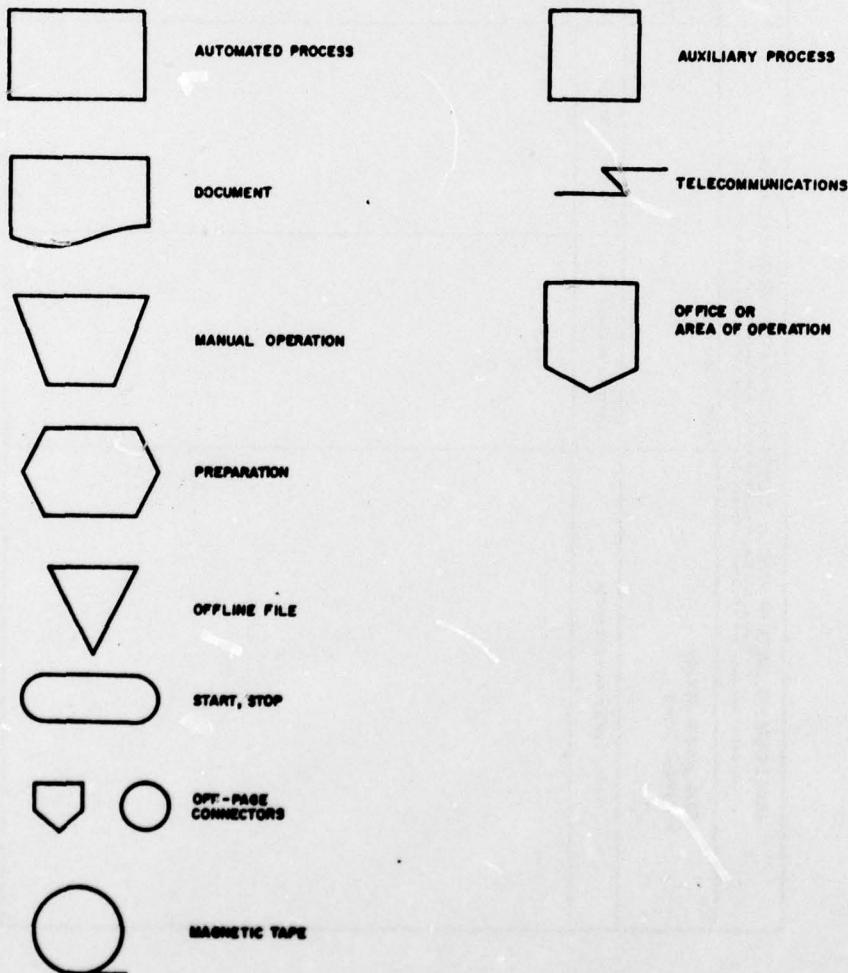


Figure 14. (Continued).

Figure 15. DA Form 2014-R.

Figure 16. DD Form 1354.

DD. 1024 Nov. 1354

| 1. FACILITY NO. | 2. DESIGNATION | 3. CATEGORY CODE | 4. DESIGNED CAPACITY | 5. TOTAL AREA |
|---|------------------------|-----------------------|--|--|
| 6. UNIT OF MEASURE | 7. DRAWING NO. | 8. MAP NO. | 9. <input type="checkbox"/> LEASED <input type="checkbox"/> OWNED LEASE NO. | |
| 10. AIR CONDITIONING | | 16. FIRE PROTECTION | | 18. TYPE OF CONSTRUCTION |
| a. TYPE | b. NUMBER | c. TYPE | d. NUMBER | <input type="checkbox"/> PERM <input type="checkbox"/> SEMI-PERM <input type="checkbox"/> TEMP |
| d. CAPACITY | | e. CAPACITY | | 19. BUILDING DIMENSIONS |
| c. 50 YD AIR COND | | f. MATERIALS | | a. MAIN BLDG |
| 11. HEATING | | g. FOUNDATION | | b. OFFSETS |
| a. SOURCE | b. FLOOR | c. WALLS | d. ROOF | c. WINGS |
| b. FUEL | | | | d. BASEMENT |
| 12. HOT WATER FACILITIES | | e. SURFACE | | e. ATTIC |
| a. CAPACITY | b. TEMPERATURE RISE | f. BASE | | 20. TYPE OF CARD |
| 13. NO. USABLE FLOORS | 14. OTHER MEASUREMENTS | | | <input type="checkbox"/> BLDG <input type="checkbox"/> MISC STR <input type="checkbox"/> UTIL DIST SYS <input type="checkbox"/> RAILROAD <input type="checkbox"/> LAND <input type="checkbox"/> SURFACED AREAS |
| 15. UTILITY CONNECTIONS | | | 21. REMARKS | |
| a. WATER | NUMBER | SIZE | CAPACITY | |
| b. SEWER | | | | |
| c. ELECTRICITY | | | | |
| d. GAS | | | | |
| e. STEAM | | | | |
| f. CONDENSATE | | | | |
| DA FORM 2877 * GPO: 1968 O-750-629 1 NOV 64 REPLACES DA FORMS 5-46, 5-47, 5-49, 5-50, 5-51, AND 5-52, WHICH ARE OBSOLETE. | | | | |
| REAL PROPERTY RECORD (AR 733-27) | | | | |
| 22. COST DATA | | | | |
| VOUCHER NO. | DATE COMPLETED | DESCRIPTION OF CHANGE | COST OF CHANGE | TOTAL COST |
| CATEGORY CODE DESIGNATION FACILITY NO. | | | | |

Figure 17. DA Form 2877.

| KEYPUNCH TRANSCRIPT FOR LEASEHOLDINGS IN FOREIGN COUNTRIES SEPARATE FROM INSTALLATIONS | | | | | | | | | | REPORT AS OF | RCS ENG 76-1131 | |
|--|--|-------------|---------------|--|---------------|--------------|--|--------------|---------------|--------------|-----------------|--|
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| CONTRACT NUMBER | | | CITY | | | COUNTRY | | | ANNUAL RENTAL | | | |
| PREFIX | | CASE NUMBER | TYPE OF SPACE | | OTHER MEASURE | STATEMENT | | AREA | | AREA | | |
| SEQUENCE | | ALPHA CODE | | | | 31 NOV 1976 | | 31 NOV 1976 | | 31 NOV 1976 | | |
| UNIT OF MEASURE | | CODE | | | | 30 NOV 1976 | | 30 NOV 1976 | | 30 NOV 1976 | | |
| TYPE OF SERVICE | | CODE | | | | 29 NOV 1976 | | 29 NOV 1976 | | 29 NOV 1976 | | |
| BLANK | | CODE | | | | 28 NOV 1976 | | 28 NOV 1976 | | 28 NOV 1976 | | |
| COUNTRY CODE | | CODE | | | | 27 NOV 1976 | | 27 NOV 1976 | | 27 NOV 1976 | | |
| CODE | | CODE | | | | 26 NOV 1976 | | 26 NOV 1976 | | 26 NOV 1976 | | |
| CODE | | CODE | | | | 25 NOV 1976 | | 25 NOV 1976 | | 25 NOV 1976 | | |
| CODE | | CODE | | | | 24 NOV 1976 | | 24 NOV 1976 | | 24 NOV 1976 | | |
| CODE | | CODE | | | | 23 NOV 1976 | | 23 NOV 1976 | | 23 NOV 1976 | | |
| CODE | | CODE | | | | 22 NOV 1976 | | 22 NOV 1976 | | 22 NOV 1976 | | |
| CODE | | CODE | | | | 21 NOV 1976 | | 21 NOV 1976 | | 21 NOV 1976 | | |
| CODE | | CODE | | | | 20 NOV 1976 | | 20 NOV 1976 | | 20 NOV 1976 | | |
| CODE | | CODE | | | | 19 NOV 1976 | | 19 NOV 1976 | | 19 NOV 1976 | | |
| CODE | | CODE | | | | 18 NOV 1976 | | 18 NOV 1976 | | 18 NOV 1976 | | |
| CODE | | CODE | | | | 17 NOV 1976 | | 17 NOV 1976 | | 17 NOV 1976 | | |
| CODE | | CODE | | | | 16 NOV 1976 | | 16 NOV 1976 | | 16 NOV 1976 | | |
| CODE | | CODE | | | | 15 NOV 1976 | | 15 NOV 1976 | | 15 NOV 1976 | | |
| CODE | | CODE | | | | 14 NOV 1976 | | 14 NOV 1976 | | 14 NOV 1976 | | |
| CODE | | CODE | | | | 13 NOV 1976 | | 13 NOV 1976 | | 13 NOV 1976 | | |
| CODE | | CODE | | | | 12 NOV 1976 | | 12 NOV 1976 | | 12 NOV 1976 | | |
| CODE | | CODE | | | | 11 NOV 1976 | | 11 NOV 1976 | | 11 NOV 1976 | | |
| CODE | | CODE | | | | 10 NOV 1976 | | 10 NOV 1976 | | 10 NOV 1976 | | |
| CODE | | CODE | | | | 09 NOV 1976 | | 09 NOV 1976 | | 09 NOV 1976 | | |
| CODE | | CODE | | | | 08 NOV 1976 | | 08 NOV 1976 | | 08 NOV 1976 | | |
| CODE | | CODE | | | | 07 NOV 1976 | | 07 NOV 1976 | | 07 NOV 1976 | | |
| CODE | | CODE | | | | 06 NOV 1976 | | 06 NOV 1976 | | 06 NOV 1976 | | |
| CODE | | CODE | | | | 05 NOV 1976 | | 05 NOV 1976 | | 05 NOV 1976 | | |
| CODE | | CODE | | | | 04 NOV 1976 | | 04 NOV 1976 | | 04 NOV 1976 | | |
| CODE | | CODE | | | | 03 NOV 1976 | | 03 NOV 1976 | | 03 NOV 1976 | | |
| CODE | | CODE | | | | 02 NOV 1976 | | 02 NOV 1976 | | 02 NOV 1976 | | |
| CODE | | CODE | | | | 01 NOV 1976 | | 01 NOV 1976 | | 01 NOV 1976 | | |
| CODE | | CODE | | | | 31 OCT 1976 | | 31 OCT 1976 | | 31 OCT 1976 | | |
| CODE | | CODE | | | | 30 OCT 1976 | | 30 OCT 1976 | | 30 OCT 1976 | | |
| CODE | | CODE | | | | 29 OCT 1976 | | 29 OCT 1976 | | 29 OCT 1976 | | |
| CODE | | CODE | | | | 28 OCT 1976 | | 28 OCT 1976 | | 28 OCT 1976 | | |
| CODE | | CODE | | | | 27 OCT 1976 | | 27 OCT 1976 | | 27 OCT 1976 | | |
| CODE | | CODE | | | | 26 OCT 1976 | | 26 OCT 1976 | | 26 OCT 1976 | | |
| CODE | | CODE | | | | 25 OCT 1976 | | 25 OCT 1976 | | 25 OCT 1976 | | |
| CODE | | CODE | | | | 24 OCT 1976 | | 24 OCT 1976 | | 24 OCT 1976 | | |
| CODE | | CODE | | | | 23 OCT 1976 | | 23 OCT 1976 | | 23 OCT 1976 | | |
| CODE | | CODE | | | | 22 OCT 1976 | | 22 OCT 1976 | | 22 OCT 1976 | | |
| CODE | | CODE | | | | 21 OCT 1976 | | 21 OCT 1976 | | 21 OCT 1976 | | |
| CODE | | CODE | | | | 20 OCT 1976 | | 20 OCT 1976 | | 20 OCT 1976 | | |
| CODE | | CODE | | | | 19 OCT 1976 | | 19 OCT 1976 | | 19 OCT 1976 | | |
| CODE | | CODE | | | | 18 OCT 1976 | | 18 OCT 1976 | | 18 OCT 1976 | | |
| CODE | | CODE | | | | 17 OCT 1976 | | 17 OCT 1976 | | 17 OCT 1976 | | |
| CODE | | CODE | | | | 16 OCT 1976 | | 16 OCT 1976 | | 16 OCT 1976 | | |
| CODE | | CODE | | | | 15 OCT 1976 | | 15 OCT 1976 | | 15 OCT 1976 | | |
| CODE | | CODE | | | | 14 OCT 1976 | | 14 OCT 1976 | | 14 OCT 1976 | | |
| CODE | | CODE | | | | 13 OCT 1976 | | 13 OCT 1976 | | 13 OCT 1976 | | |
| CODE | | CODE | | | | 12 OCT 1976 | | 12 OCT 1976 | | 12 OCT 1976 | | |
| CODE | | CODE | | | | 11 OCT 1976 | | 11 OCT 1976 | | 11 OCT 1976 | | |
| CODE | | CODE | | | | 10 OCT 1976 | | 10 OCT 1976 | | 10 OCT 1976 | | |
| CODE | | CODE | | | | 09 OCT 1976 | | 09 OCT 1976 | | 09 OCT 1976 | | |
| CODE | | CODE | | | | 08 OCT 1976 | | 08 OCT 1976 | | 08 OCT 1976 | | |
| CODE | | CODE | | | | 07 OCT 1976 | | 07 OCT 1976 | | 07 OCT 1976 | | |
| CODE | | CODE | | | | 06 OCT 1976 | | 06 OCT 1976 | | 06 OCT 1976 | | |
| CODE | | CODE | | | | 05 OCT 1976 | | 05 OCT 1976 | | 05 OCT 1976 | | |
| CODE | | CODE | | | | 04 OCT 1976 | | 04 OCT 1976 | | 04 OCT 1976 | | |
| CODE | | CODE | | | | 03 OCT 1976 | | 03 OCT 1976 | | 03 OCT 1976 | | |
| CODE | | CODE | | | | 02 OCT 1976 | | 02 OCT 1976 | | 02 OCT 1976 | | |
| CODE | | CODE | | | | 01 OCT 1976 | | 01 OCT 1976 | | 01 OCT 1976 | | |
| CODE | | CODE | | | | 30 SEPT 1976 | | 30 SEPT 1976 | | 30 SEPT 1976 | | |
| CODE | | CODE | | | | 29 SEPT 1976 | | 29 SEPT 1976 | | 29 SEPT 1976 | | |
| CODE | | CODE | | | | 28 SEPT 1976 | | 28 SEPT 1976 | | 28 SEPT 1976 | | |
| CODE | | CODE | | | | 27 SEPT 1976 | | 27 SEPT 1976 | | 27 SEPT 1976 | | |
| CODE | | CODE | | | | 26 SEPT 1976 | | 26 SEPT 1976 | | 26 SEPT 1976 | | |
| CODE | | CODE | | | | 25 SEPT 1976 | | 25 SEPT 1976 | | 25 SEPT 1976 | | |
| CODE | | CODE | | | | 24 SEPT 1976 | | 24 SEPT 1976 | | 24 SEPT 1976 | | |
| CODE | | CODE | | | | 23 SEPT 1976 | | 23 SEPT 1976 | | 23 SEPT 1976 | | |
| CODE | | CODE | | | | 22 SEPT 1976 | | 22 SEPT 1976 | | 22 SEPT 1976 | | |
| CODE | | CODE | | | | 21 SEPT 1976 | | 21 SEPT 1976 | | 21 SEPT 1976 | | |
| CODE | | CODE | | | | 20 SEPT 1976 | | 20 SEPT 1976 | | 20 SEPT 1976 | | |
| CODE | | CODE | | | | 19 SEPT 1976 | | 19 SEPT 1976 | | 19 SEPT 1976 | | |
| CODE | | CODE | | | | 18 SEPT 1976 | | 18 SEPT 1976 | | 18 SEPT 1976 | | |
| CODE | | CODE | | | | 17 SEPT 1976 | | 17 SEPT 1976 | | 17 SEPT 1976 | | |
| CODE | | CODE | | | | 16 SEPT 1976 | | 16 SEPT 1976 | | 16 SEPT 1976 | | |
| CODE | | CODE | | | | 15 SEPT 1976 | | 15 SEPT 1976 | | 15 SEPT 1976 | | |
| CODE | | CODE | | | | 14 SEPT 1976 | | 14 SEPT 1976 | | 14 SEPT 1976 | | |
| CODE | | CODE | | | | 13 SEPT 1976 | | 13 SEPT 1976 | | 13 SEPT 1976 | | |
| CODE | | CODE | | | | 12 SEPT 1976 | | 12 SEPT 1976 | | 12 SEPT 1976 | | |
| CODE | | CODE | | | | 11 SEPT 1976 | | 11 SEPT 1976 | | 11 SEPT 1976 | | |
| CODE | | CODE | | | | 10 SEPT 1976 | | 10 SEPT 1976 | | 10 SEPT 1976 | | |
| CODE | | CODE | | | | 09 SEPT 1976 | | 09 SEPT 1976 | | 09 SEPT 1976 | | |
| CODE | | CODE | | | | 08 SEPT 1976 | | 08 SEPT 1976 | | 08 SEPT 1976 | | |
| CODE | | CODE | | | | 07 SEPT 1976 | | 07 SEPT 1976 | | 07 SEPT 1976 | | |
| CODE | | CODE | | | | 06 SEPT 1976 | | 06 SEPT 1976 | | 06 SEPT 1976 | | |
| CODE | | CODE | | | | 05 SEPT 1976 | | 05 SEPT 1976 | | 05 SEPT 1976 | | |
| CODE | | CODE | | | | 04 SEPT 1976 | | 04 SEPT 1976 | | 04 SEPT 1976 | | |
| CODE | | CODE | | | | 03 SEPT 1976 | | 03 SEPT 1976 | | 03 SEPT 1976 | | |
| CODE | | CODE | | | | 02 SEPT 1976 | | 02 SEPT 1976 | | 02 SEPT 1976 | | |
| CODE | | CODE | | | | 01 SEPT 1976 | | 01 SEPT 1976 | | 01 SEPT 1976 | | |
| CODE | | CODE | | | | 31 AUG 1976 | | 31 AUG 1976 | | 31 AUG 1976 | | |
| CODE | | CODE | | | | 30 AUG 1976 | | 30 AUG 1976 | | 30 AUG 1976 | | |
| CODE | | CODE | | | | 29 AUG 1976 | | 29 AUG 1976 | | 29 AUG 1976 | | |
| CODE | | CODE | | | | 28 AUG 1976 | | 28 AUG 1976 | | 28 AUG 1976 | | |
| CODE | | CODE | | | | 27 AUG 1976 | | 27 AUG 1976 | | 27 AUG 1976 | | |
| CODE | | CODE | | | | 26 AUG 1976 | | 26 AUG 1976 | | 26 AUG 1976 | | |
| CODE | | CODE | | | | 25 AUG 1976 | | 25 AUG 1976 | | 25 AUG 1976 | | |
| CODE | | CODE | | | | 24 AUG 1976 | | 24 AUG 1976 | | 24 AUG 1976 | | |
| CODE | | CODE | | | | 23 AUG 1976 | | 23 AUG 1976 | | 23 AUG 1976 | | |
| CODE | | CODE | | | | 22 AUG 1976 | | 22 AUG 1976 | | 22 AUG 1976 | | |
| CODE | | CODE | | | | 21 AUG 1976 | | 21 AUG 1976 | | 21 AUG 1976 | | |
| CODE | | CODE | | | | 20 AUG 1976 | | 20 AUG 1976 | | 20 AUG 1976 | | |
| CODE | | CODE | | | | 19 AUG 1976 | | 19 AUG 1976 | | 19 AUG 1976 | | |
| CODE | | CODE | | | | 18 AUG 1976 | | 18 AUG 1976 | | 18 AUG 1976 | | |
| CODE | | CODE | | | | 17 AUG 1976 | | 17 AUG 1976 | | 17 AUG 1976 | | |
| CODE | | CODE | | | | 16 AUG 1976 | | 16 AUG 1976 | | 16 AUG 1976 | | |
| CODE | | CODE | | | | 15 AUG 1976 | | 15 AUG 1976 | | 15 AUG 1976 | | |
| CODE | | CODE | | | | 14 AUG 1976 | | 14 AUG 1976 | | 14 AUG 1976 | | |
| CODE | | CODE | | | | 13 AUG 1976 | | 13 AUG 1976 | | 13 AUG 1976 | | |
| CODE | | CODE | | | | 12 AUG 1976 | | 12 AUG 1976 | | 12 AUG 1976 | | |
| CODE | | CODE | | | | 11 AUG 1976 | | 11 AUG 1976 | | 11 AUG 1976 | | |
| CODE | | CODE | | | | 10 AUG 1976 | | 10 AUG 1976 | | 10 AUG 1976 | | |
| CODE | | CODE | | | | 09 AUG 1976 | | 09 AUG 1976 | | 09 AUG 1976 | | |
| CODE | | CODE | | | | 08 AUG 1976 | | 08 AUG 1976 | | 08 AUG 1976 | | |
| CODE | | CODE | | | | 07 AUG 1976 | | 07 AUG 1976 | | 07 AUG 1976 | | |
| CODE | | CODE | | | | 06 AUG 1976 | | 06 AUG 1976 | | 06 AUG 1976 | | |
| CODE | | CODE | | | | 05 AUG 1976 | | 05 AUG 1976 | | 05 AUG 1976 | | |
| CODE | | CODE | | | | 04 AUG 1976 | | 04 AUG 1976 | | 04 AUG 1976 | | |
| CODE | | CODE | | | | 03 AUG 1976 | | 03 AUG 1976 | | 03 AUG 1976 | | |
| CODE | | CODE | | | | 02 AUG 1976 | | 02 AUG 1976 | | 02 AUG 1976 | | |
| CODE | | CODE | | | | 01 AUG 1976 | | 01 AUG 1976 | | 01 AUG 1976 | | |
| CODE | | CODE | | | | 31 JULY 1976 | | 31 JULY 1976 | | 31 JULY 1976 | | |
| CODE | | CODE | | | | 30 JULY 1976 | | 30 JULY 1976 | | 30 JULY 1976 | | |
| CODE | | CODE | | | | 29 JULY 1976 | | 29 JULY 1976 | | 29 JULY 1976 | | |
| CODE | | CODE | | | | 28 JULY 1976 | | 28 JULY 1976 | | 28 JULY 1976 | | |
| CODE | | CODE | | | | 27 JULY 1976 | | 27 JULY 1976 | | 27 JULY 1976 | | |

Figure 19. DA Form 4581-R, DA Form 4581-1-R, DA Form 4581-2-R.

| KEYPUNCH TRANSCRIPT FOR REAL PROPERTY INVENTORY AND BIS REPORT | | | | | | | | | | REPORT AS OF | | | | | | | | | | RCS ENG 242 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|-----------------|----|----|----|----|----|----|----|----|----|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--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| For use of this form, see AR 655-45. The proponent agency is the Office of the Chief of Engineers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CARD NUMBER 3 - INVENTORY DETAIL RECORD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONTROL FIELD | | | | | | | | | | AREA | | | | | | | | | | DISPOSITION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | TOTAL | | | | | | | | | | VACANT AREA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | TOTAL CAPACITY | | | | | | | | | | IMPROVEMENTS ON LEASED OR RENT FREE LAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | TOTAL | | | | | | | | | | ANNUAL RENTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | COST TO US GOVT | | | | | | | | | | RECD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | APPROXIMATED DR | | | | | | | | | | ESTIMATED DR VALUE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | OR ACQUIRED | | | | | | | | | | BY ANA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470 | 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 | 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 | 491 | 492 | 493 | 494 | 495 | 496 | 497 | 498 | 499 | 500 | 501 | 502 | 503 | 504 | 505 | 506 | 507 | 508 | 509 | 510 | 511 | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 | 521 | 522 | 523 | 524 | 525 | 526 | 527 | 528 | 529 | 530 | 531 | 532 | 533 | 534 | 535 | 536 | 537 | 538 | 539 | 540 | 541 | 542 | 543 | 544 | 545 | 546 | 547 | 548 | 549 | 550 | 551 | 552 | 553 | 554 | 555 | 556 | 557 | 558 | 559 | 560 | 561 | 562 | 563 | 564 | 565 | 566 | 567 | 568 | 569 | 570 | 571 | 572 | 573 | 574 | 575 | 576 | 577 | 578 | 579 | 580 | 581 | 582 | 583 | 584 | 585 | 586 | 587 | 588 | 589 | 590 | 591 | 592 | 593 | 594 | 595 | 596 | 597 | 598 | 599 | 600 | 601 | 602 | 603 | 604 | 605 | 606 | 607 | 608 | 609 | 610 | 611 | 612 | 613 | 614 | 615 | 616 | 617 | 618 | 619 | 620 | 621 | 622 | 623 | 624 | 625 | 626 | 627 | 628 | 629 | 630 | 631 | 632 | 633 | 634 | 635 | 636 | 637 | 638 | 639 | 640 | 641 | 642 | 643 | 644 | 645 | 646 | 647 | 648 | 649 | 650 | 651 | 652 | 653 | 654 | 655 | 656 | 657 | 658 | 659 | 660 | 661 | 662 | 663 | 664 | 665 | 666 | 667 | 668 | 669 | 670 | 671 | 672 | 673 | 674 | 675 | 676 | 677 | 678 | 679 | 680 | 681 | 682 | 683 | 684 | 685 | 686 | 687 | 688 | 689 | 690 | 691 | 692 | 693 | 694 | 695 | 696 | 697 | 698 | 699 | 700 | 701 | 702 | 703 | 704 | 705 | 706 | 707 | 708 | 709 | 710 | 711 | 712 | 713 | 714 | 715 | 716 | 717 | 718 | 719 | 720 | 721 | 722 | 723 | 724 | 725 | 726 | 727 | 728 | 729 | 730 | 731 | 732 | 733 | 734 | 735 | 736 | 737 | 738 | 739 | 740 | 741 | 742 | 743 | 744 | 745 | 746 | 747 | 748 | 749 | 750 | 751 | 752 | 753 | 754 | 755 | 756 | 757 | 758 | 759 | 760 | 761 | 762 | 763 | 764 | 765 | 766 | 767 | 768 | 769 | 770 | 771 | 772 | 773 | 774 | 775 | 776 | 777 | 778 | 779 | 780 | 781 | 782 | 783 | 784 | 785 | 786 | 787 | 788 | 789 | 790 | 791 | 792 | 793 | 794 | 795 | 796 | 797 | 798 | 799 | 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 | 810 | 811 | 812 | 813 | 814 | 815 | 816 | 817 | 818 | 819 | 820 | 821 | 822 | 823 | 824 | 825 | 826 | 827 | 828 | 829 | 830 | 831 | 832 | 833 | 834 | 835 | 836 | 837 | 838 | 839 | 840 | 841 | 842 | 843 | 844 | 845 | 846 | 847 | 848 | 849 | 850 | 851 | 852 | 853 | 854 | 855 | 856 | 857 | 858 | 859 | 860 | 861 | 862 | 863 | 864 | 865 | 866 | 867 | 868 | 869 | 870 | 871 | 872 | 873 | 874 | 875 | 876 | 877 | 878 | 879 | 880 | 881 | 882 | 883 | 884 | 885 | 886 | 887 | 888 | 889 | 890 | 891 | 892 | 893 | 894 | 895 | 896 | 897 | 898 | 899 | 900 | 901 | 902 | 903 | 904 | 905 | 906 | 907 | 908 | 909 | 910 | 911 | 912 | 913 | 914 | 915 | 916 | 917 | 918 | 919 | 920 | 921 | 922 | 923 | 924 | 925 | 926 | 927 | 928 | 929 | 930 | 931 | 932 | 933 | 934 | 935 | 936 | 937 | 938 | 939 | 940 | 941 | 942 | 943 | 944 | 945 | 946 | 947 | 948 | 949 | 950 | 951 | 952 | 953 | 954 | 955 | 956 | 957 | 958 | 959 | 960 | 961 | 962 | 963 | 964 | 965 | 966 | 967 | 968 | 969 | 970 | 971 | 972 | 973 | 974 | 975 | 976 | 977 | 978 | 979 | 980 | 981 | 982 | 983 | 984 | 985 | 986 | 987 | 988 | 989 | 990 | 991 | 992 | 993 | 994 | 995 | 996 | 997 | 998 | 999 | 1000 |

Sheet _____ of _____

(Open area B1, X 14. Image size 8 1/2 x 11 1/2 in.)

(Open area B1, X 14. Image size 8 1/2 x 11 1/2 in.)

Figure 19. (Continued).

Record Number 1 — Header Record

| <i>Data element</i> | <i>Record location</i> | <i>Number of characters</i> |
|---------------------------------------|------------------------|-----------------------------|
| Installation Number | 001-005 | 5 |
| Record ID "1" | 006-006 | 1 |
| Reporting Command | 007-007 | 1 |
| Using Agency | 008-009 | 2 |
| Type of Installation | 010-010 | 1 |
| Status-Kind-Operator Code | 011-011 | 1 |
| Function Code | 012-012 | 1 |
| Function Description | 013-042 | 30 |
| Nearest City | 043-057 | 15 |
| Distance | 508-060 | 3 |
| Direction | 061-062 | 2 |
| County or Political Subdivision | 063-082 | 20 |
| Year of Acquisition | 083-086 | 4 |
| Rural/Urban Code | 087-087 | 1 |
| Operator (if Industrial installation) | 088-107 | 20 |
| State or County Abbreviation | 108-111 | 4 |
| Status | 112-119 | 8 |
| Command Abbreviation | 120-124 | 5 |
| Active/Inactive File | 125-125 | 1 |
| Filler | 126-138 | 13 |
| Installation Name | 139-168 | 30 |
| Filler | 169-220 | 52 |

Record Number 2 — Detail Record

| | | |
|---------------------------------|---------|---|
| Installation Number | 001-005 | 5 |
| Record ID "2" | 006-006 | 1 |
| Reporting Command | 007-007 | 1 |
| Using Agency | 008-009 | 2 |
| Type of Installation | 010-010 | 1 |
| Status-Kind-Operator Code | 011-011 | 1 |
| Function Code | 012-012 | 1 |
| First 3 digits of category code | 013-015 | 3 |
| Type of Ownership Code | 016-016 | 1 |
| Type of Construction Code | 017-017 | 1 |
| Last 2 digits of category code | 018-019 | 2 |
| Building/Facility Number | 020-024 | 5 |
| Building Code | 025-025 | 1 |
| Planned Disposition Code | 026-026 | 1 |
| Year Built or Acquired | 027-029 | 3 |
| Condition Code | 030-030 | 1 |

Figure 20. Record Format for RPI/BIS Master File (Appendix E of AR 405-45).

Record Number 2 (continued)

| <i>Data Element</i> | <i>Record Location</i> | <i>Number of Characters</i> |
|---|------------------------|-----------------------------|
| Number of Floors | 031-031 | 1 |
| Wall Material | 032-032 | 1 |
| Total Area (or bbbbbbbL) | 033-040 | 8 |
| Outgrant Area | 041-048 | 8 |
| Vacant Area | 049-056 | 8 |
| Total Capacity | 057-064 | 8 |
| Total Cost to US Government | 065-072 | 8 |
| Cost of Improvements | 073-080 | 8 |
| Annual Rent Received (or bbbbbbbL) | 081-088 | 8 |
| Annual Rent Paid (or bbbbbbbL) | 089-096 | 8 |
| Appraised or Est. Value (or bbbbbbbL) | 097-104 | 8 |
| Basic 3-digit category code description | 105-119 | 15 |
| 5-digit category code description | 120-134 | 15 |
| Unit of Measure - Total Area | 135-136 | 2 |
| Unit of Measure - Total Capacity | 137-138 | 2 |
| Name of Installation | 139-168 | 30 |
| Utilities | 169-176 | 8 |
| Current Use Code | 177-181 | 5 |
| Recommended Use Code | 182-186 | 5 |
| Estimated Life | 187-191 | 5 |
| Foundation Material | 192-193 | 2 |
| Structural Material | 194-195 | 2 |
| Roof Material | 196-199 | 4 |
| MCA Number | 200-205 | 6 |
| Current Use Description | 206-220 | 15 |

Figure 20. (Continued).

| INSTALLATION INVENTORY OF MILITARY REAL PROPERTY AS OF 30 SEP 74 | | | | | | | | | | PAGE 1151 |
|--|----------------------|----------------|----------------------------|------------------|----------------------|-------------------------|-------------|-----|--------------|---------------------|
| INST NO | NAME OF INSTALLATION | FND AGY | TYP | FUNCTION NAME | NAME OF NEAREST CITY | DIST | COUNTY | ST | YEAR ACQU | R STATUS |
| 48125 | BLISS FORGE | O TD P A W | ANTIAIRCRAFT ARTILLE | EL PASO | NE EL PASO | | | | TEX 1093 | R ACTIVE |
| PAT C-1 | BLISS FORGE | DATA ENTRY | AREA COST TO OUTRANT GOV'T | AREA | YR B M ESTIMATE | C F RENT | VACANT AREA | | IMP COST(0), | TOTAL CAPACITY UN C |
| CORE C-2 | BLISS FORGE | DESCRIPTION | OUTRANT GOV'T | TOTAL | UM BLT C T VAL(000) | REC'D(00), N L PAID(00) | | | | |
| 74051 1 Y | EXCH BRANCH | EXCH BRANCH | 163 | 3563 SF 940 B A | | | | U 1 | | |
| 74051 1 Y | EXCH BRANCH | EXCH BRANCH | 121 | 3663 SF 940 B A | | | | U 1 | | |
| 74051 1 Y | EXCH BRANCH | EXCH BRANCH | 51 | 1649 SF 940 B A | | | | U 1 | | |
| 74051 1 Y | EXCH BRANCH | EXCH BRANCH | 121 | 3663 SF 940 B A | | | | U 1 | | |
| 74051 1 Y | EXCH BRANCH | EXCH BRANCH | 91 | 3643 SF 940 B A | | | | U 1 | | |
| 74051 1 Y | EXCH CAFE | EXCH CAFE | 92 | 2855 SF 941 B A | | | | U 1 | | |
| 74051 1 Y | EXCH SVC OLS | EXCH SVC OLS | 83 | 1817 SF 944 B A | | | | U 1 | | |
| 74056 1 Y | EXCH SVC OLS | EXCH SVC OLS | 115 | 764 SF 950 B H | | | | U 1 | | |
| 74056 1 Y | EXCH SVC OLS | EXCH SVC OLS | 68 | 463 SF 950 B H | | | | U 1 | | |
| 74056 1 Y | EXCH SVC OLS | EXCH SVC OLS | 46 | 1747 SF 941 B A | | | | U 1 | | |
| 74056 1 Y | SNACK BAR | SNACK BAR | 34 | 1296 SF 941 B A | | | | U 1 | | |
| 74056 1 Y | YOUTH CENTER | YOUTH CENTER | 68 | 1924 SF 919 B B | | | | U 1 | | |
| 74056 1 Y | YOUTH CENTER | YOUTH CENTER | 28 | 1928 SF 919 B B | | | | U 1 | | |
| 74056 1 Y | YOUTH CENTER | YOUTH CENTER | 101 | 6219 SF 919 B B | | | | U 1 | | |
| 74056 1 Y | YOUTH CENTER | YOUTH CENTER | 67 | 2351 SF 919 B B | | | | U 1 | | |
| 74056 1 Y | YOUTH CENTER | YOUTH CENTER | 51 | 3446 SF 919 B B | | | | U 1 | | |
| 74056 1 Y | YOUTH CENTER | YOUTH CENTER | 60 | 16927 SF 945 B A | | | | U 1 | | |
| 74056 1 Y | YOUTH CENTER | YOUTH CENTER | 117 | 3663 SF 940 B A | | | | U 1 | | |
| 74071 1 Y | RED CROSS BLDG | RED CROSS BLDG | 2334 | 124 SF 949 B A | | | | U 1 | | |
| 74071 1 Y | RED CROSS BLDG | RED CROSS BLDG | 5 | 672 SF 950 B A | | | | U 1 | | |
| 74071 1 Y | RED CROSS BLDG | RED CROSS BLDG | 43 | 2000 SF 943 B K | | | | U 1 | | |

Figure 21. Installation Inventory of Military Real Property Report.

BUILDING INFORMATION SCHEDULE

| INS N ^{o.} | CATEGORY | D T | FAC: NO. | A C | UTILITIERS AVAIL. | CURR. USE | HFC USE | EST. LIFE | MATERIAL FND STR RDOF | MCA | CURRENT USE | |
|------------------------|----------|--------|-------------|--------|----------------------|--------------|------------|--------------|--------------------------|------|-----------------|----------------|
| | | | | | | | | | | | | |
| 34075 | 61045 | 1 Y | 01600 | 1 | 0 | WSETH0XX | 61041 | 1987E | 69L1 | | WIL PERS BLDG | |
| 34075 | 72410 | 1 Y | 01601 | 1 | 0 | WSETH0XX | 61041 | 72410 | 1987E | 2 | 69L1 | WIL PERS BLDG |
| 34075 | 72410 | 1 Y | 01602 | 1 | 0 | WSETH0XX | 72410 | 72410 | 1987E | 2 | 69S1 | 932 WIL WALK |
| 34075 | 14192 | 1 Y | 01603 | 1 | 0 | WSETH0XX | 14182 | 14182 | 1987E | 2 | 69 T | 931-42 BLDG |
| 34075 | 74010 | 1 Y | 01604 | 1 | 0 | WSETH0XX | 74010 | 74010 | 1977E | 2 | 69S1 | AJD GEN PURP |
| 34075 | 74050 | 1 Y | 01607 | 1 | 0 | WSETH0XX | 72335 | 74050 | 1987E | 2 | 69S1 | BY ST BLDG |
| 34075 | 72111 | 1 Y | 01631 | 1 | 0 | WSETH0XX | 14183 | 72111 | 1982E | 2 | 69S1 | 94 H2 BLDG |
| 34075 | 72111 | 1 Y | 01632 | 1 | 0 | WSETH0XX | 72111 | 72111 | 1982E | 2 | 69S1 | EN AX W/O WS |
| 34075 | 72111 | 1 Y | 01633 | 1 | 0 | WSETH0XX | 14183 | 72111 | 1982E | 2 | 69S1 | EN H2 BLDG |
| 34075 | 74020 | 1 Y | 01636 | 1 | 0 | WSETH0XX | 74028 | 74028 | 1982E | 2 | 69S1 | PWS FRT CEN |
| 34075 | 17140 | 1 P | 01635 | 1 | 0 | WSETH010 | 17140 | 17140 | 2025 | 24L4 | 1444 RES CENTER | |
| 34075 | 44270 | 1 Y | 01673 | 1 | 0 | XXEYXXXX | 44270 | ONONE | 1977D | 3 | 68V1 | GEN STOREHOUSE |
| 34075 | 81290 | 1 P | 01674 | 1 | 0 | XXEXXXXX | 61290 | 61290 | 01992 | 3 | 6S1 | OTHER |
| 34075 | 21410 | 1 Y | 01648 | 1 | 0 | WSETH0XX | 21410 | ONONE | 1973D | 2 | 68S1 | W32 RER SHOP |
| 34075 | 21410 | 1 Y | 01649 | 1 | 0 | WSETH0XX | 21410 | 21410 | 1977E | 3 | 69L1 | W32 RER SHOP |
| 34075 | 12330 | 1 Y | 01432 | 1 | 0 | WSETD0XX | 12330 | 12330 | 12330 | 3 | 69S1 | 345 STATION |
| 34075 | 21410 | 1 Y | 01445 | 1 | 0 | WSETH0XX | 21410 | 21410 | 1987E | 3 | 39S1 | W32 RER SHOP |
| 34075 | 44270 | 1 Y | 01727 | 1 | 0 | XXEXXXXX | 44270 | 44270 | E | 2 | RSV1 | GEN STOREHOUSE |

Figure 22. BIS Report.

FORMAT 1

COST AND RENTALS OF MILITARY REAL PROPERTY CONTROLLED

DEPARTMENT OF THE ARMY

As of 30 June 1976

(Thousands of Dollars)

| Item | World Wide | United States | Poss., Terr. & Com. of P. R. | Foreign Countries |
|---|--------------|--------------------------|------------------------------|-------------------|
| A - Cost to U. S. Government <u>a/</u> | | | | |
| 1. Total | \$13,215,604 | \$12,020,259 | \$454,945 | \$740,400 |
| a. Active Installations | 11,742,412 | 10,573,139 | 446,065 | 723,208 |
| b. Inactive Installations | 1,473,192 | 1,447,120 | 8,880 | 17,192 |
| 2. All Land Controlled <u>b/</u> | 207,734 | 204,526 | 2,626 | 582 |
| 3. Buildings | 8,924,584 | 8,179,518 | 308,875 | 436,191 |
| 4. Structures, Utilities, Etc. | 4,083,286 | 3,636,215 | 143,444 | 303,627 |
| 5. Memorandum Item: | | | | |
| Improvements on Leased Land | 1,343,211 | 180,679 | 422,466 | 740,066 |
| (included in 3 & 4 above) | | | | |
| B - Annual Rental Paid for Leased Property | | | | |
| 1. Total | \$ 41,658 | \$ 22,017 <u>c/</u> \$ 1 | \$ 19,640 | |
| a. Installation | 8,574 | 1,639 | 1 | 6,934 |
| b. Non-Installation | 33,084 | 20,378 <u>d/</u> | 0 | 12,706 |
| C - Annual Rental Received for Leased Property | | | | |
| 1. Total | \$ 6,951 | \$ 6,700 | \$ 251 | -\$ 0 |

a/ Data represent the cost of Land and Improvements.b/ Same as entries for Total on Format 3.c/ Same as entries for Total, Section B, Format 4.d/ Includes Defense Agencies \$848(000).

Figure 23. Cost and Rentals of Military Real Property Controlled Preliminary Report.

FORMAT 2

ACREAGE OF MILITARY REAL PROPERTY CONTROLLED
AND LOCATED AT INSTALLATIONS

DEPARTMENT OF THE ARMY

As of 30 June 1976

| Type and Category Code | World-Wide | United States | Poss., Terr, & Com. of P. R. | Foreign Countries |
|--|-------------------|-------------------|------------------------------|-------------------|
| <u>Total</u> | <u>12,687,386</u> | <u>12,145,794</u> | <u>159,431</u> | <u>382,161</u> |
| 1. Owned (911) | 3,951,743 | 3,939,091 | 12,636 | 16 |
| 2. Public Domain (912) | 7,065,178 | 7,065,178 | - | - |
| 3. License or Permit (913) | | | | |
| a. From D/Interior Public Domain | 404,220 | 404,220 | - | - |
| b. Other than D/Interior Public Domain | 181,208 | 66,111 | 115,097 | 0 |
| 4. Easements (921) | 49,277 | 49,269 | 0 | 8 |
| 5. Leased (922) ^{a/} | 644,088 | 621,925 | 0 | 22,163 |
| 6. Foreign Rights (923) | 391,672 | - | 31,698 | 359,974 |
| ^{a/} Excludes the following acreage leased outside of Installations | 27,429 | 22,790 | - | 4,639 |

Figure 24. Acreage of Military Real Property Controlled and Located at Installations Preliminary Report.

FORMAT 3

COST TO UNITED STATES GOVERNMENT OF LAND CONTROLLED

DEPARTMENT OF THE ARMY

As of 30 June 1976

(Thousands of Dollars)

| Type and Category Code | World-Wide | United States | Poss., Terr. & Com. of P. R. | Foreign Countries |
|----------------------------|------------|---------------|------------------------------|-------------------|
| Total <u>a/</u> | \$207,734 | \$204,526 | \$2,626 | \$582 <u>d/</u> |
| 1. Owned (911) | 204,119 | 200,917 | 2,626 | 576 |
| 2. Public Domain (912) | 542 | 542 <u>c/</u> | - | - |
| 3. License or Permit (913) | 21 | 21 | 0 | 0 |
| 4. Easements (921) | 3,049 | 3,046 | 0 | 3 |
| 5. Leased (922) <u>b/</u> | 1 | 0 | 0 | 1 |
| 6. Foreign Rights (923) | 2 | - | - | 2 |

a/ Data represent cost shown in Column 12 of the format used for reporting inventory as required by DOD Instruction 4165.14.

b/ Excludes the cost of acreage leased outside of installations.

c/ Costs for extinguishment of mineral rights.

d/ Represents \$576(000) spent in Belgium, \$1(000) in Netherlands, and \$5(000) in Panama.

Figure 25. Cost of the United States Government of Land Controlled Report.

FORMAT 4

COST AND RENTALS OF MILITARY REAL PROPERTY CONTROLLED
UNITED STATES

DEPARTMENT OF THE ARMY

As of 30 June 1976

(Thousands of Dollars)

| Type of Installation | Total | Active | | Inactive | |
|--|--------------|----------------------|---------|----------------------|---------|
| | | Cost or Rental | Percent | Cost or Rental | Percent |
| A - Cost to U.S. Government a/ | | | | | |
| 1. Total | \$12,020,259 | \$10,573,139 | 88.0 | \$1,447,120 | 12.0 |
| 2. Non-Industrial | 9,821,551 | 9,253,710 | 94.2 | 565,941 | 5.8 |
| 3. Industrial (Total) | 2,198,608 | 1,317,429 | 59.9 | 881,179 | 40.1 |
| a. Government Operated | 647,851 | 550,581 | 85.0 | 97,270 | 15.0 |
| b. Contractor Operated | 1,550,757 | 766,848 | 49.4 | 783,909 | 50.6 |
| B - Annual Rental Paid for Leased Property b/ - Total | | | | | |
| 1. Total c/ | 1,639 | 1,463 | 89.3 | 176 | 0.8 |
| a. Non-Industrial | 1,551 | 1,388 | 89.5 | 163 | 10.5 |
| b. Industrial (Total) | 88 | 75 | 85.2 | 13 | 14.8 |
| (1) Government Operated | 75 | 75 | 100.0 | 0 | 0.0 |
| (2) Contractor Operated | 13 | 0 | 0.0 | 13 | 100.0 |
| 2. Non-Industrial Leases Outside of Installations | 20,378 | 26,378d/100.0 | | 0 | 0.0 |
| C - Annual Rental Received for Leased Property | | | | | |
| 1. Total | \$6,700 | \$5,720 | 85.4 | \$980 | 14.6 |
| 2. Non-Industrial | 4,551 | 4,392 | 96.5 | 159 | 3.5 |
| 3. Industrial (Total) | 2,149 | 1,328 | 61.8 | 821 | 38.2 |
| a. Government Operated | 168 | 49 | 29.2 | 119 | 70.8 |
| b. Contractor Operated | 1,981 | 1,279 | 64.6 | 702 | 35.4 |

a/ Data represent cost of land and improvements.

b/ Includes rentals paid for property leased outside of installations.

c/ Same as entry for U.S. Total, Section B, Format 1.

d/ Includes Defense Agencies \$848(000).

Figure 26. Cost and Rentals of Military Real Property Controlled, United States: Preliminary Report.

FORMAT 5

ACREAGE OF MILITARY REAL PROPERTY CONTROLLED AT INSTALLATIONS

UNITED STATES

DEPARTMENT OF THE ARMY

As of 30 June 1976

| TYPE | Total | Active | | Inactive a/ | |
|--|-------------------|-------------------|-------------|------------------|-------------|
| | | Acres | Percent | Acres | Percent |
| A - Total Controlled | 12,145,794 | 10,907,901 | 89.8 | 1,237,893 | 10.2 |
| B - Land Owned | | | | | |
| 1. Total | 3,939,091 | 3,431,075 | 87.1 | 508,016 | 12.9 |
| 2. Non-Industrial | 3,569,298 | 3,176,999 | 89.0 | 392,299 | 11.0 |
| 3. Industrial (Total) | 369,793 | 254,076 | 68.7 | 115,717 | 31.3 |
| a. Government Operated | 151,706 | 137,675 | 90.8 | 14,031 | 9.2 |
| b. Contractor Operated | 218,087 | 116,401 | 53.4 | 101,686 | 46.6 |
| C - Land from Public Domain | | | | | |
| 1. Total | 7,065,178 | 6,387,183 | 90.4 | 677,995 | 9.6 |
| 2. Non-Industrial | 6,287,673 | 5,609,678 | 89.2 | 677,995 | 10.8 |
| 3. Industrial (Total) | 777,505 | 777,505 | 100.0 | 0 | 0.0 |
| a. Government Operated | 777,505 | 777,505 | 100.0 | 0 | 0.0 |
| b. Contractor Operated | 0 | 0 | 0.0 | 0 | 0.0 |
| D - Land from License or Permit | | | | | |
| 1. Total | 470,331 | 469,843 | 99.9 | 488 | 0.1 |
| 2. Non-Industrial | 425,086 | 424,672 | 99.9 | 414 | 0.1 |
| 3. Industrial (Total) | 45,245 | 45,171 | 99.8 | 74 | 0.2 |
| a. Government Operated | 45,234 | 45,164 | 99.8 | 70 | 0.2 |
| b. Contractor Operated | 11 | 7 | 63.6 | 4 | 36.4 |
| E - Land Used through Easements | | | | | |
| 1. Total | 49,269 | 38,994 | 79.1 | 10,275 | 20.9 |
| 2. Non-Industrial | 45,485 | 37,231 | 81.9 | 8,254 | 18.1 |
| 3. Industrial (Total) | 3,784 | 1,763 | 46.6 | 2,021 | 53.4 |
| a. Government Operated | 223 | 107 | 48.0 | 116 | 52.0 |
| b. Contractor Operated | 3,561 | 1,656 | 46.5 | 1,905 | 53.5 |
| F - Land Leased b/ | | | | | |
| 1. Total | 621,925 | 580,806 | 93.4 | 41,119 | 6.6 |
| 2. Non-Industrial | 614,398 | 573,279 | 93.3 | 41,119 | 6.7 |
| 3. Industrial (Total) | 7,527 | 7,527 | 100.0 | 0 | 0.0 |
| a. Government Operated | 7,523 | 7,523 | 100.0 | 0 | 0.0 |
| b. Contractor Operated | 4 | 4 | 100.0 | 0 | 0.0 |

^{a/} Includes excess installations.^{b/} Excludes acreage leased outside of installations.

Figure 27. Acreage of Military Real Property Controlled at Installations, United States Preliminary Report.

MILITARY REAL PROPERTY CONTROLLED AT INSTALLATIONS, BY STATES

DEPARTMENT OF THE ARMY

As of 30 June 1976

FORMAT 6

| State | Cost to US Government a/ (Thousands of Dollars) | LAND AREA (ACRES) CONTROLLED | | | License or Permit c/ Basement Leased b/ |
|-------------------------|--|------------------------------|------------------|------------------|--|
| | | Total | Owned | Public Domain | |
| TOTAL | \$12,020,259 | 12,145,794 | 3,939,091 | 7,065,178 | 470,331 49,269 621,925 |
| 1. ALABAMA | 548,043 | 181,797 | 168,545 | 1,160 | 7,112 413 4,567 |
| 2. ALASKA | 569,331 | 2,303,682 | 6,147 | 2,251,414 | 45,346 158 617 |
| 3. ARIZONA | 194,680 | 1,189,054 | 61,058 | 935,094 | 182,863 13 10,026 |
| 4. ARKANSAS | 94,272 | 86,483 | 85,197 | 320 | 0 71 893 |
| 5. CALIFORNIA | 649,091 | 1,044,960 | 279,197 | 725,666 | 321 1,586 38,190 |
| 6. COLORADO | 305,464 | 179,581 | 176,115 | 3,133 | 168 34 131 |
| 7. CONNECTICUT | 13,161 | 401 | 212 | 0 | 0 186 3 |
| 8. DELAWARE | 3,524 | 437 | 437 | 0 | 0 0 0 |
| 9. DISTRICT OF COLUMBIA | 70,677 | 250 | 242 | 0 | 8 0 0 |
| 10. FLORIDA | 24,172 | 6,681 | 1,768 | 13 | 281 247 4,372 |

Figure 28. Military Real Property Controlled at Installations, by States Preliminary Report.

FORMAT 6 A

**LISTING OF PUBLIC DOMAIN LANDS
CONTROLLED BY DEPARTMENT OF THE ARMY
As of 30 June 1976**

MILITARY

| State | Name and Location of Installation | Number of Acres | Usage |
|----------------------|---|------------------|---------------------|
| <u>UNITED STATES</u> | <u>TOTAL</u> | <u>7,065.178</u> | |
| <u>ALABAMA -</u> | <u>TOTAL</u> | <u>1,160</u> | |
| | McClellan Fort, Calhoun Co. | 1,160 | Training Base |
| <u>ALASKA -</u> | <u>TOTAL</u> | <u>2,251.414</u> | |
| | Black Rapids Rock Climbing Tng Site, 4th Jud Dist | 530 | Training |
| | Black Rapids Tng Site, Near Big Delta | 2,779 | Training |
| | Clearwater Lake Training Site 4th Jud Dist | 240 | Training |
| | Dike Range, 4th Jud Div | 2,285 | Training |
| | Eklutna Dispersal Site, 3rd Jud Div | 500 | Dispersal Site |
| | Eklutna Mtn & Glacier Tng Site, 3rd Jud Div | 102 | Training |
| | Fairbanks Eielson Pipeline, 4th Jud Div | * | POL Facilities |
| | Fairbanks Pernafrost Station, Fairbanks | 120 | Testing |
| | Fairbanks SRU 04, Fairbanks | 55 | Classified |
| | Gerstle Riv Arctic Test Site, Near Big Delta | 19,026 | Arctic Trn Ctr |
| | Greely Fort, 4th Jud Dist | 639,056 | Prepositioning Area |
| | Gulkana Army Site, Gulkana | 44 | |
| | Gulkana Glacier Tng Site, 4th Jud Dist | 38 | Training |
| | Harding Lake Recr Site, Harding Lake | 20 | Recreation |
| | Lake Louise Army Tng Site, Mile 162, Glenn Hwy | 40 | Trng & Recreation |
| | MC Akiaachak, Akiachak | 1 | Training |

* Less than 0.5 acre

Figure 29. Listing of Public Domain Lands,
Military Preliminary Report.

FORMAT 6 B

LISTING OF DONATED LANDS CONTROLLED BY

DEPARTMENT OF THE ARMY - MILITARY

As of 30 June 1976

(Thousands of Dollars)

| State | Name and Location of Installation | Number of Acres | Estimated Current Value | Usage |
|--------------------------------------|-----------------------------------|-----------------|-------------------------|---------------------|
| <u>UNITED STATES - TOTAL</u> | | <u>217,869</u> | <u>\$131,914</u> | |
| <u>ALABAMA -</u> | | <u>62</u> | <u>394</u> | |
| USARC Birmingham 01, Birmingham | 9 | 34 | | Reserve Training |
| USARC Dothan, Dothan | 5 | 24 | | Reserve Training |
| USARC Enterprise, Montgomery | 5 | 34 | | Reserve Training |
| USARC Montgomery GIP | 10 | - | | Reserve Training |
| USARC Huntsville, Huntsville | 3 | 96 | | Reserve Training |
| USARC Huntsville 02, Madison | 6 | 17 | | Reserve Training |
| USARC Livingston, Livingston | 5 | 2 | | Reserve Training |
| USARC Mobile, Mobile | 6 | 72 | | Reserve Training |
| USARC Opelika, Opelika | 5 | 57 | | Reserve Training |
| USARC Opp, Opp | 4 | 57 | | Reserve Training |
| USARC Troy, Troy | 5 | 1 | | Reserve Training |
| <u>ALASKA -</u> | | <u>2</u> | <u>615</u> | |
| Fairbanks Recr Cen, 4th Judicial Div | 1 | 572 | | USO |
| NC Kaktovik, Fairbanks | 1 | 31 | | Natl Guard Training |
| NG Teller, None | * | 12 | | Natl Guard Training |

* Less than 0.5 acre

Figure 30. Listing of Donated Lands, Military
Preliminary Report.

FORMAT 7

MILITARY REAL PROPERTY CONTROLLED AT INSTALLATIONS
 POSSESSIONS, TERRITORIES AND COMMONWEALTH OF PUERTO RICO
 DEPARTMENT OF THE ARMY
 As of 30 June 1976
 A - Cost to U. S. Government
 (Thousands of Dollars)

| | Total | Active | Inactive | Percent Active of Total |
|---------------------|-----------|-----------|----------|-------------------------------|
| <u>Total a/</u> | \$454,945 | \$446,063 | \$8,880 | 98.0 |
| 1. Canal Zone | 180,728 | 180,728 | 0 | 100.0 |
| 2. Marshall Islands | 241,714 | 241,714 | 0 | 100.0 |
| 3. Puerto Rico | 32,425 | 23,545 | 8,880 | 72.6 |
| 4. Virgin Islands | 78 | 78 | 0 | 100.0 |

B - Number of Acres Controlled

| | Total | Owned | License or Permit | Public Lands | Ease- ments | Leased b/ | Foreign Rights |
|---------------------|---------|--------|----------------------|-----------------|----------------|-----------|-------------------|
| <u>Total</u> | 159,431 | 12,636 | 115,097 | 0 | 0 | 0 | 31,698 |
| 1. Canal Zone | 143,231 | 0 | 115,097 | 0 | 0 | 0 | 28,134 |
| 2. Marshall Islands | 3,564 | 0 | 0 | 0 | 0 | 0 | 3,564 |
| 3. Puerto Rico | 12,636 | 12,636 | 0 | 0 | 0 | 0 | 0 |
| 4. Virgin Islands | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

a/ Data represent the cost of land and improvements.

b/ Excludes acreage leased outside of military installations.

Figure 31. Military Real Property Controlled at Installations in Possessions, Territories, and Commonwealth of Puerto Rico Preliminary Report.

FORMAT 8

MILITARY REAL PROPERTY CONTROLLED AT INSTALLATIONS
IN FOREIGN COUNTRIESDEPARTMENT OF THE ARMY
As of 30 June 1976

| | Total | Cost to the U.S. Government ^{a/} (Thousands of Dollars) | Active | Inactive | Percent Active of Total | Acres ^{b/} (Foreign Base Right and Other) |
|--------------------------|-------------------|---|------------------|----------|-------------------------------|---|
| A - TOTAL | \$740,400 | \$ 723,208 | \$ 17,192 | | 97.7 | 382,161 |
| B - Atlantic Area | \$313,174 | \$ 295,982 | \$ 17,192 | | 94.5 | 291,012 |
| 1. Belgium | 2,644 | 2,644 | - | | 100.0 | 1,145 |
| 2. Canada | 17,187 | - | 17,187 | | 0.0 | 1,920 |
| 3. France | 61,657 | 61,657 | - | | 100.0 | 1,499 |
| 4. Germany | 190,246 | 190,246 | - | | 100.0 | 280,594 |
| 5. Italy | 24,776 | 24,776 | - | | 100.0 | 3,248 |
| 6. Netherlands | 401 | 401 | - | | 100.0 | 13 |
| 7. Panama | 5 | - | 5 | | 0.0 | 43 |
| 8. Turkey | 8,728 | 8,728 | - | | 100.0 | 265 |
| 9. United Kingdom | 7,530 | 7,530 | - | | 100.0 | 2,285 |
| C - Pacific Area | \$ 427,226 | \$ 427,226 | - | | 100.0 | 91,149 |
| 1. Japan | 166,238 | 166,238 | - | | 100.0 | 8,788 |
| 2. Korea | 257,913 | 257,913 | - | | 100.0 | 82,343 |
| 3. Taiwan | 3,075 | 3,075 | - | | 100.0 | 18 |

^{a/} Data represent cost of land and improvements.^{b/} Excludes acreage leased outside installations. See Format 2.Figure 32. Military Real Property Controlled at Installations
in Foreign Countries Preliminary Report.

FORMAT 9

FIFTEEN LARGEST CATEGORIES OF MILITARY REAL PROPERTY CONTROLLED

DEPARTMENT OF THE ARMY

WORLD WIDE

As of 30 June 1976

Section 1

| Category and Inventory Code | Unit of Measure | Area (Thousands) | Quantity (Thousands) | Other Measure | | Number of Buildings | Cost to US Government (Thousands Dollars) |
|--|-----------------|------------------|-----------------------|----------------------|----------|---------------------|---|
| | | | | Unit | Quantity | | |
| 1. Troop Hsg (721-724) | Sq. Ft. | 218,530 | MN | 1,480,938 | 28,380 | \$1,619,685 | |
| 2. Family Hsg (711) | Sq. Ft. | 220,633 | FA | 136,793 | 43,327 | 1,271,146 | |
| 3. Utils-Rds & Streets (851-852) | Sq. Yd. | 450,992 | MI | 1,758,445 | - | 1,093,221 | |
| 4. Production (221-229) | Sq. Ft. | 47,091 | - | - | 7,219 | 794,534 | |
| 5. Gov Stor (441-442) | Sq. Ft. | 179,992 | - | - | 19,779 | 672,055 | |
| 6. Util-Elec (811-913) | Sq. Ft. | 7,095 | KW | 729,440 | 2,984 | 638,743 | |
| | | | KV | 1,428,249 | | | |
| | | | MF <u>a/</u> | 130,435 | | | |
| 7. Maint Fac (211-219) | Sq. Ft. | 78,081 | - | - | 10,766 | 597,487 | |
| 8. Trng Fac (171-179) | Sq. Ft. | 38,643 | - | - | 4,874 | 581,658 | |
| 9. Admin Bridges (610) | Sq. Ft. | 73,219 | - | - | 6,668 | 569,529 | |
| 10. Util-Kater (841-845) | Sq. Ft. | 3,258 | KG b/ MF <u>a/</u> | 20,884,898 61,031 | 2,466 | 545,815 | |
| | | | KG b/ MF <u>a/</u> | | | | |
| 11. Community Fac (740) | Sq. Ft. | 73,119 | - | - | 9,907 | 537,221 | |
| 12. R&D Test Fac (310-390) | Sq. Ft. | 17,081 | - | - | 2,052 | 483,425 | |
| 13. Util-Heat-Steam-Gas (821-827) | Sq. Ft. | 5,786 | NB c/ MF <u>a/</u> | 198,252 27,817 | 1,842 | 431,890 | |
| | | | NB c/ MF <u>a/</u> | | | | |
| 14. Ground Improv Structures (871-872) | Sq. Ft. | 1,720 | MF <u>a/</u> | 12,451 76,752 | 3,201 | 348,395 | |
| 15. Sewage and Waste (631-632) | Sq. Ft. | 3,002 | KC b/ MF <u>a/</u> | 3,047,880 96,180 | 1,219 | 342,279 | |

a/ Thousand Feetb/ Thousand Gallons per dayc/ Million BTU per hours

Figure 33. Fifteen Largest Categories of Military Real Property Controlled Preliminary Report.

FORMAT 10

COST TO UNITED STATES GOVERNMENT OF MILITARY REAL PROPERTY CONTROLLED
BY FACILITY CLASS

DEPARTMENT OF THE ARMY

As of 30 June 1976

(Thousands of Dollars)

| Facility Class and Code | World Wide | United States | Poss., Terr. & Com. of P. R. | Foreign Countries |
|--|---------------------|---------------------|------------------------------|-------------------|
| A - Total a/ | \$13,215,604 | \$12,020,259 | \$454,945 | \$740,400 |
| 1. Operational & Training (100) | 1,614,885 | 1,412,411 | 57,827 | 144,647 |
| 2. Maintenance & Production (200) | 1,392,021 | 1,339,572 | 16,080 | 36,369 |
| 3. Research & Development (300) | 481,425 | 431,455 | 49,473 | 497 |
| 4. Supply (400) | 1,190,521 | 1,000,631 | 51,547 | 138,343 |
| 5. Hospital & Medical (500) | 391,260 | 373,312 | 4,135 | 13,813 |
| 6. Administrative (600) | 628,863 | 570,065 | 28,638 | 30,160 |
| 7. Housing & Community (700) | 3,613,809 | 3,292,008 | 133,664 | 188,137 |
| 8. Utilities and Ground Improvements (800) | 3,693,086 | 3,396,279 | 110,955 | 187,852 |
| 9. Real Estate (900) | 207,734 | 204,526 | 2,626 | 582 |

a/ Same as entries for Total, Format 1, Section A.

Figure 34. Cost to United States Government of Military Real Property Controlled, by Facility Class Preliminary Report.

FORMAT 13

MILITARY CONSTRUCTION IN PROGRESS
(WORK IN PLACE)

DEPARTMENT OF THE ARMY

As of 30 June 1976

| GEOGRAPHICAL LOCATION | COST (Thousands of Dollars) |
|--|--------------------------------|
| A - Total | \$1,352,675 |
| 1. United States | 1,086,611 |
| 2. Possessions, Territories and Commonwealth of Puerto Rico | 11,040 |
| 3. Foreign Countries | 255,024 |

Figure 35. Military Construction in Progress
Preliminary Report.

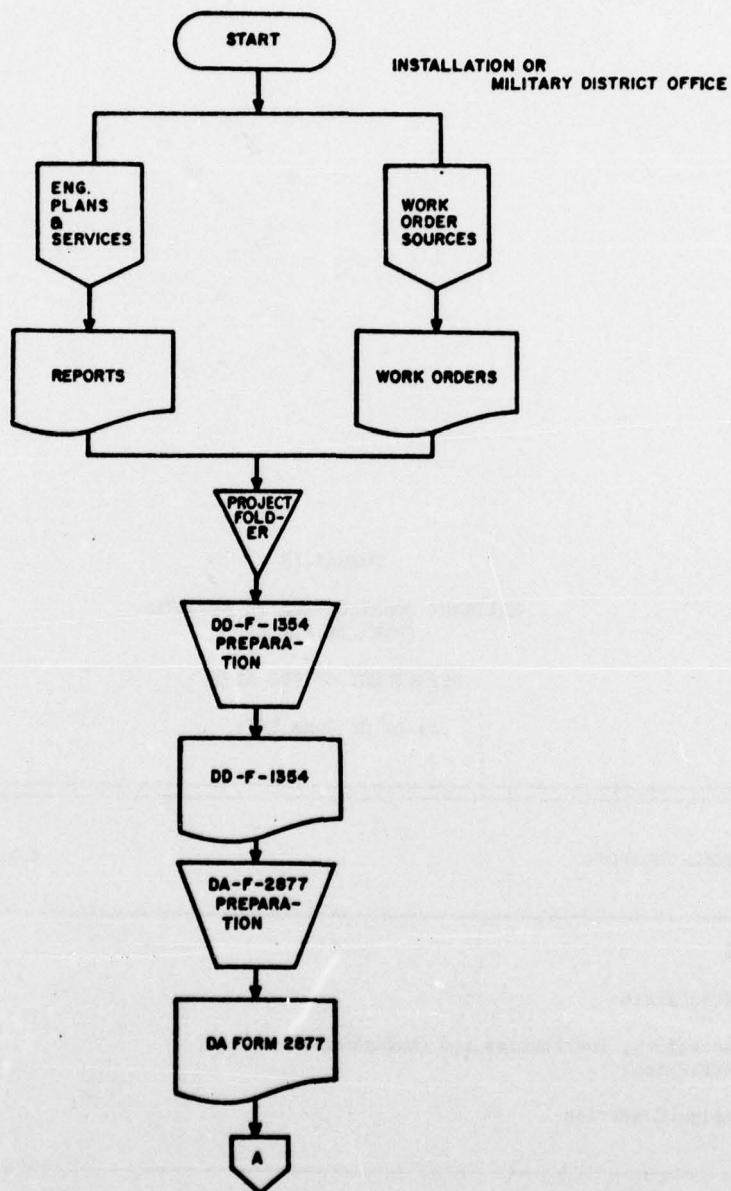


Figure 36. Non-IFS military RPI information flowchart.

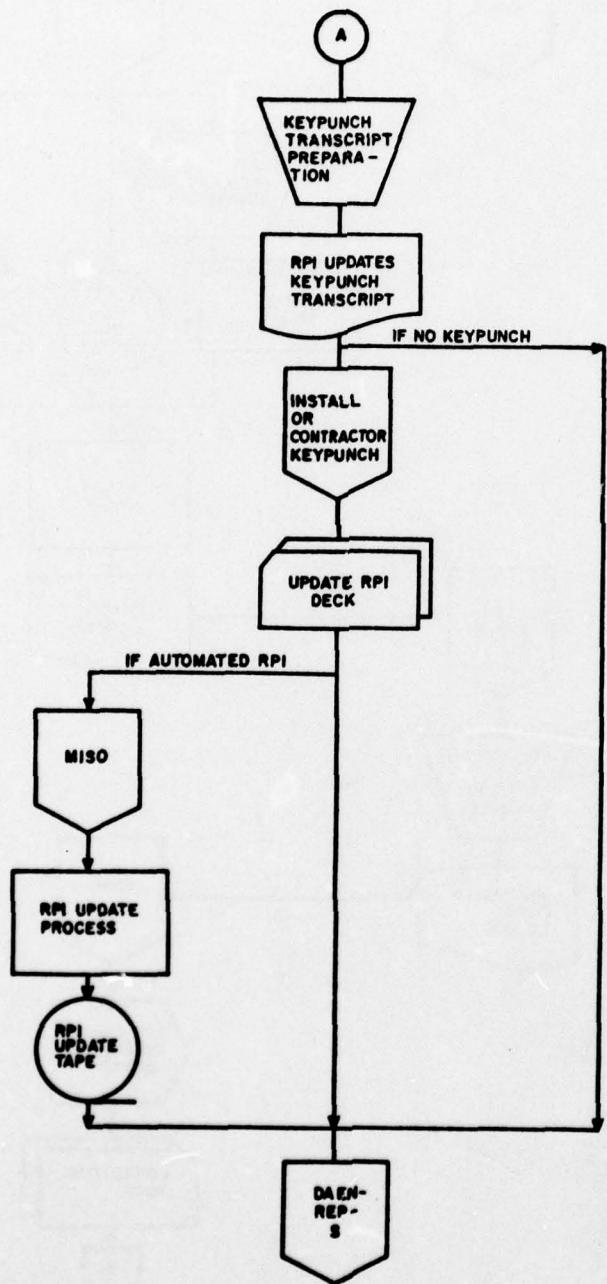


Figure 36. (Continued).

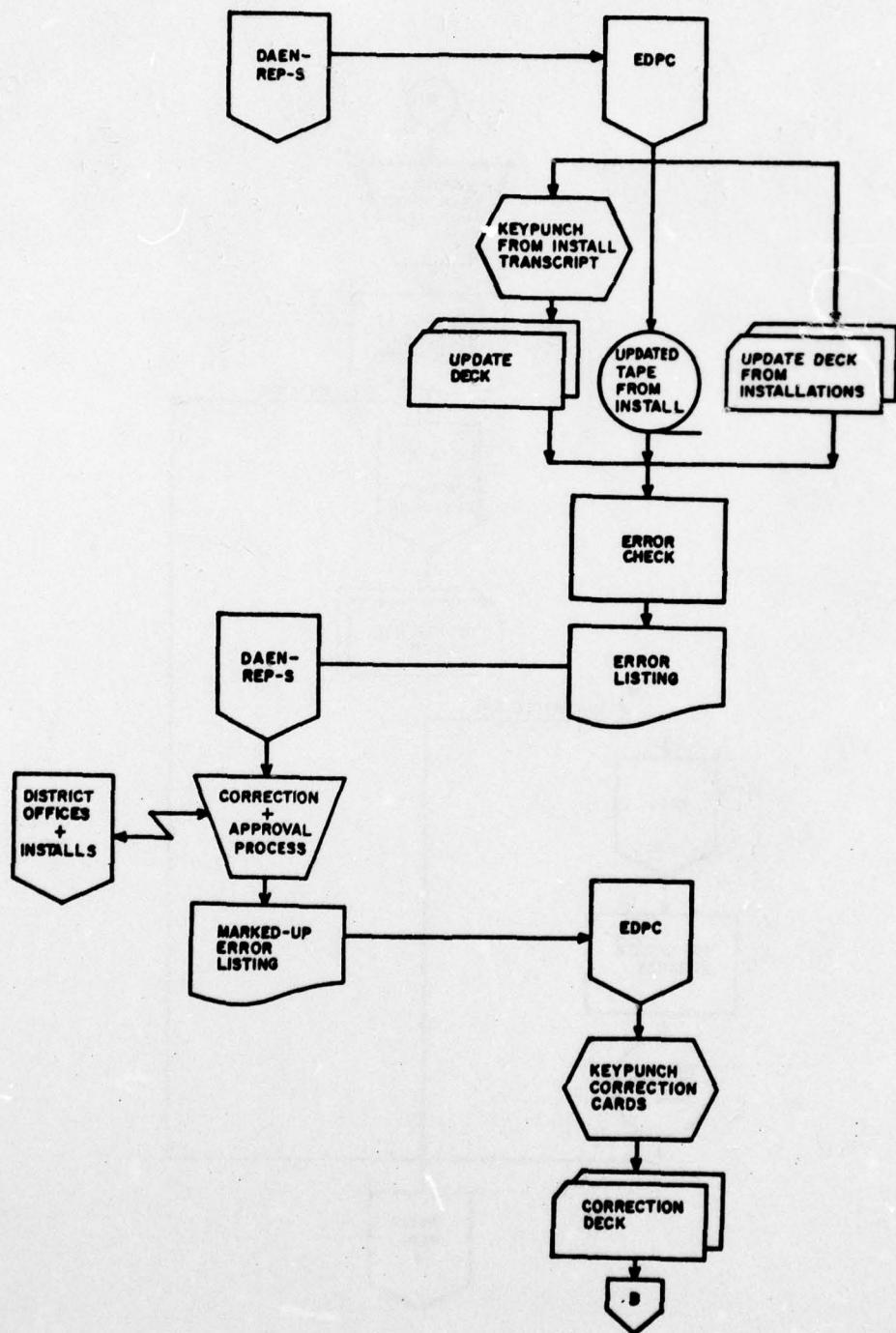


Figure 36. (Continued).

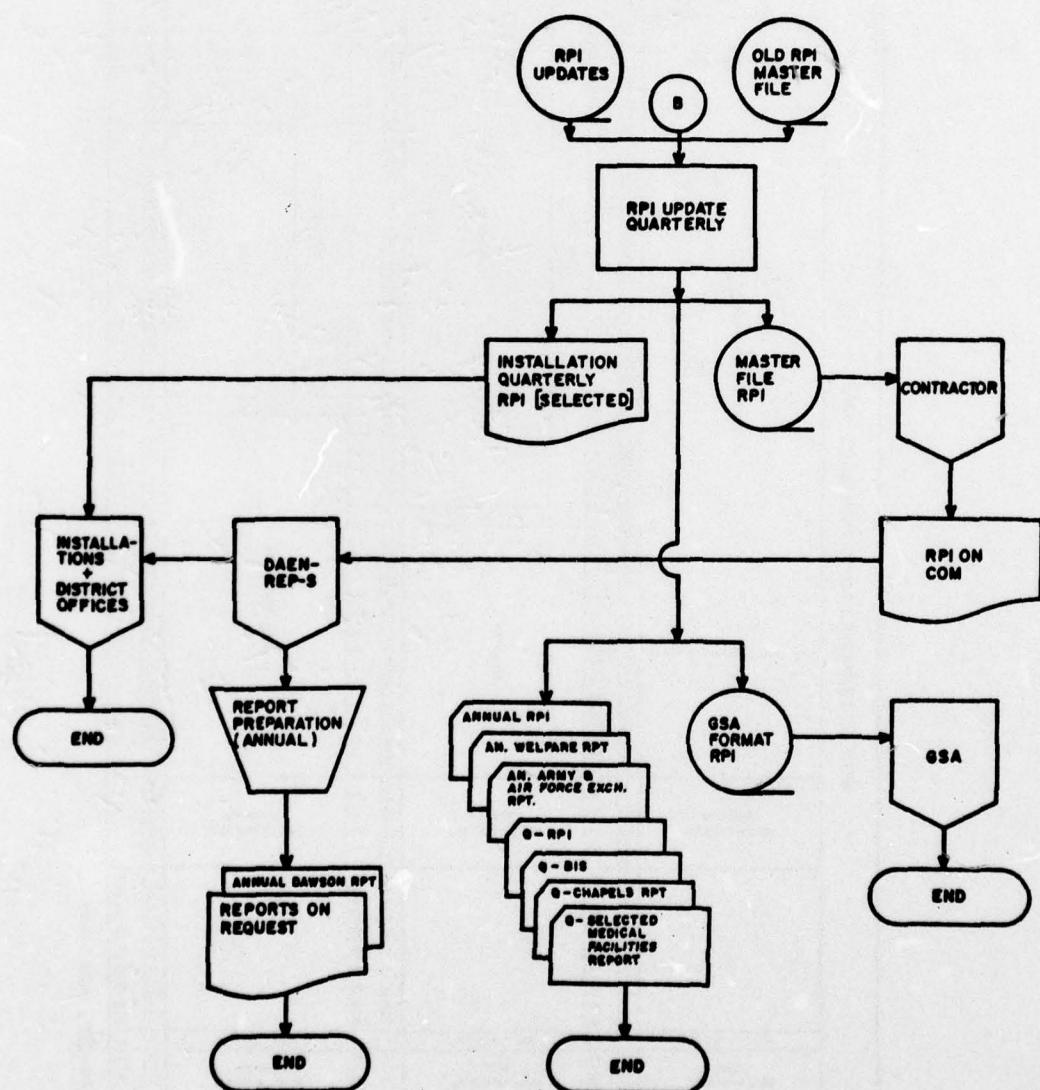


Figure 36. (Continued).

Figure 37. DA Form 4263-R.

AE 6525-0-AFEX-Knows-1w1 76-63

Figure 38. DA Form 4263-1-R.

Figure 39. DA Form 4276-R.

Figure 40. DA Form 4276-1-R.

Figure 41. DA Form 4276-2-R.

Figure 42. DA Form 4276-3-R.

Figure 43. DA Form 4276-4-R.

Figure 44. DA Form 4280-R.

Figure 45. DA Form 4281-R.

Figure 46. DA Form 4279-R.

Figure 47. DA Form 4279-1-R.

Figure 48. DA Form 4279-2-R.

Figure 49. DA Form 4279-3-R.

| FACILITY AREA DATA CARD | | IFS INDEX | | AGE - 6 | | DATE | |
|-------------------------|-----|------------|------------|---------|------------|----------|------------|
| | | | | | | | |
| FACILITY | | FOUNDATION | | FLOORS | | PAINTING | |
| | | UN | AREA TOTAL | UN | AREA TOTAL | UN | INTERIOR |
| TRANSACTION CODE | | 1 | 1 | 1 | 1 | 1 | BLANK |
| CHARGE CODE | | | | | | | |
| INSTALLATION NUMBER | | | | | | | |
| NUMBER | | SUFFIX | UN | S/F | UN | UN | AREA TOTAL |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 |
| 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 |
| 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 |
| 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 |
| 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 |
| 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 |
| 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 |
| 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 |
| 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 |
| 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 |
| 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 |
| 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 |
| 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 |
| 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 |
| 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 |
| 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 |
| 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 |
| 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 |
| 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 |
| 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 |
| 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 |
| 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 |
| 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 |
| 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 |
| 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 |
| 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 |
| 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 |
| 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 |
| 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 |
| 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 |
| 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 |
| 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 |
| 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 |
| 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 |
| 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 |
| 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 |
| 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 |
| 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 |
| 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 |
| 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 |
| 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 |
| 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 |
| 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 |
| 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 |
| 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 |
| 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 |
| 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 |
| 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 |
| 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 |
| 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 |
| 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 |
| 467 | 468 | 469 | 470 | 471 | 472 | 473 | 474 |
| 475 | 476 | 477 | 478 | 479 | 480 | 481 | 482 |
| 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 |
| 491 | 492 | 493 | 494 | 495 | 496 | 497 | 498 |
| 499 | 500 | 501 | 502 | 503 | 504 | 505 | 506 |
| 507 | 508 | 509 | 510 | 511 | 512 | 513 | 514 |
| 515 | 516 | 517 | 518 | 519 | 520 | 521 | 522 |
| 523 | 524 | 525 | 526 | 527 | 528 | 529 | 530 |
| 531 | 532 | 533 | 534 | 535 | 536 | 537 | 538 |
| 539 | 540 | 541 | 542 | 543 | 544 | 545 | 546 |
| 547 | 548 | 549 | 550 | 551 | 552 | 553 | 554 |
| 555 | 556 | 557 | 558 | 559 | 560 | 561 | 562 |
| 563 | 564 | 565 | 566 | 567 | 568 | 569 | 570 |
| 571 | 572 | 573 | 574 | 575 | 576 | 577 | 578 |
| 579 | 580 | 581 | 582 | 583 | 584 | 585 | 586 |
| 587 | 588 | 589 | 590 | 591 | 592 | 593 | 594 |
| 595 | 596 | 597 | 598 | 599 | 600 | 601 | 602 |
| 603 | 604 | 605 | 606 | 607 | 608 | 609 | 610 |
| 611 | 612 | 613 | 614 | 615 | 616 | 617 | 618 |
| 619 | 620 | 621 | 622 | 623 | 624 | 625 | 626 |
| 627 | 628 | 629 | 630 | 631 | 632 | 633 | 634 |
| 635 | 636 | 637 | 638 | 639 | 640 | 641 | 642 |
| 643 | 644 | 645 | 646 | 647 | 648 | 649 | 650 |
| 651 | 652 | 653 | 654 | 655 | 656 | 657 | 658 |
| 659 | 660 | 661 | 662 | 663 | 664 | 665 | 666 |
| 667 | 668 | 669 | 670 | 671 | 672 | 673 | 674 |
| 675 | 676 | 677 | 678 | 679 | 680 | 681 | 682 |
| 683 | 684 | 685 | 686 | 687 | 688 | 689 | 690 |
| 691 | 692 | 693 | 694 | 695 | 696 | 697 | 698 |
| 699 | 700 | 701 | 702 | 703 | 704 | 705 | 706 |
| 707 | 708 | 709 | 710 | 711 | 712 | 713 | 714 |
| 715 | 716 | 717 | 718 | 719 | 720 | 721 | 722 |
| 723 | 724 | 725 | 726 | 727 | 728 | 729 | 730 |
| 731 | 732 | 733 | 734 | 735 | 736 | 737 | 738 |
| 739 | 740 | 741 | 742 | 743 | 744 | 745 | 746 |
| 747 | 748 | 749 | 750 | 751 | 752 | 753 | 754 |
| 755 | 756 | 757 | 758 | 759 | 760 | 761 | 762 |
| 763 | 764 | 765 | 766 | 767 | 768 | 769 | 770 |
| 771 | 772 | 773 | 774 | 775 | 776 | 777 | 778 |
| 779 | 780 | 781 | 782 | 783 | 784 | 785 | 786 |
| 787 | 788 | 789 | 790 | 791 | 792 | 793 | 794 |
| 795 | 796 | 797 | 798 | 799 | 800 | 801 | 802 |
| 803 | 804 | 805 | 806 | 807 | 808 | 809 | 800 |
| 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 |
| 809 | 800 | 801 | 802 | 803 | 804 | 805 | 806 |
| 807 | 808 | 809 | 800 | 801 | 802 | 803 | 804 |
| 806 | 807 | 808 | 809 | 800 | 801 | 802 | 803 |
| 804 | 805 | 806 | 807 | 808 | 809 | 800 | 801 |
| 803 | 804 | 805 | 806 | 807 | 808 | 809 | 800 |
| 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 |
| 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 |
| 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 |
| 809 | 800 | 801 | 802 | 803 | 804 | 805 | 806 |
| 808 | 809 | 800 | 801 | 802 | 803 | 804 | 805 |
| 807 | 808 | 809 | 800 | 801 | 802 | 803 | 804 |
| 806 | 807 | 808 | 809 | 800 | 801 | 802 | 803 |
| 805 | 806 | 807 | 808 | 809 | 800 | 801 | 802 |
| 804 | 805 | 806 | 807 | 808 | 809 | 800 | 801 |
| 803 | 804 | 805 | 806 | 807 | 808 | 809 | 800 |
| 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 |
| 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 |
| 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 |
| 809 | 800 | 801 | 802 | 803 | 804 | 805 | 806 |
| 808 | 809 | 800 | 801 | 802 | 803 | 804 | 805 |
| 807 | 808 | 809 | 800 | 801 | 802 | 803 | 804 |
| 806 | 807 | 808 | 809 | 800 | 801 | 802 | 803 |
| 805 | 806 | 807 | 808 | 809 | 800 | 801 | 802 |
| 804 | 805 | 806 | 807 | 808 | 809 | 800 | 801 |
| 803 | 804 | 805 | 806 | 807 | 808 | 809 | 800 |
| 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 |
| 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 |
| 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 |
| 809 | 800 | 801 | 802 | 803 | 804 | 805 | 806 |
| 808 | 809 | 800 | 801 | 802 | 803 | 804 | 805 |
| 807 | 808 | 809 | 800 | 801 | 802 | 803 | 804 |
| 806 | 807 | 808 | 809 | 800 | 801 | 802 | 803 |
| 805 | 806 | 807 | 808 | 809 | 800 | 801 | 802 |
| 804 | 805 | 806 | 807 | 808 | 809 | 800 | 801 |
| 803 | 804 | 805 | 806 | 807 | 808 | 809 | 800 |
| 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 |
| 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 |
| 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 |
| 809 | 800 | 801 | 802 | 803 | 804 | 805 | 806 |
| 808 | 809 | 800 | 801 | 802 | 803 | 804 | 805 |
| 807 | 808 | 809 | 800 | 801 | 802 | 803 | 804 |
| 806 | 807 | 808 | 809 | 800 | 801 | 802 | 803 |
| 805 | 806 | 807 | 808 | 809 | 800 | 801 | 802 |
| 804 | 805 | 806 | 807 | 808 | 809 | 800 | 801 |
| 803 | 804 | 805 | 806 | 807 | 808 | 809 | 800 |
| 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 |
| 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 |
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| 808 | 809 | 800 | 801 | 802 | 803 | 804 | 805 |
| 807 | 808 | 809 | 800 | 801 | 802 | 803 | 804 |
| 806 | 807 | 808 | 809 | 800 | 801 | 802 | 803 |
| 805 | 806 | 807 | 808 | 809 | 800 | 801 | 802 |
| 804 | 805 | 806 | 807 | 808 | 809 | 800 | 801 |
| 803 | 804 | 805 | 806 | 807 | 808 | 809 | 800 |
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| 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 |
| 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 |
| 809 | 800 | 801 | 802 | 803 | 804 | 805 | 806 |
| 808 | 809 | 800 | 801 | 802 | 803 | 804 | 805 |
| 807 | 808 | 809 | 800 | 801 | 802 | 803 | 804 |
| 806 | 807 | 808 | 809 | 800 | 801 | 802 | 803 |
| 805 | 806 | 807 | 808 | 809 | 800 | 801 | 802 |
| 804 | 805 | 806 | 807 | 808 | 809 | 800 | 801 |
| 803 | 804 | 805 | 806 | 807 | 808 | 809 | 800 |
| 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 |
| 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 |
| 800 | 801 | 802 | 803 | 804 | | | |

AG 6530-0-Army-Knox-Jul 76-64

DA FORM 1 JUN 70 4279-4 (17c) REPLACES DA FORM 4279-1-87661. 1 AUG 74. WHICH IS OBSOLETE.

Figure 50. DA Form 4279-4-R.

| OTHER UTILITIES AND TENANT FINANCIAL DATA CARD | | TRANSAC- | PROGRAM ELEMENT CODE | APPROPRIATION NO. | STATUTS CODE | IFS INDEX AGB - 6 | DATE |
|--|---|----------|----------------------------|--|------------------------|----------------------|------|
| | | NUMBER | SUFFIX | OTHER UTILITIES AVAILABLE TO BUILDING | INSTALLATION NUMBER | BLANK | |
| A | B | C | D | E | F | G | H |
| A.B.1 | | | | | | | |
| A.B.2 | | | | | | | |
| A.B.3 | | | | | | | |
| A.B.4 | | | | | | | |
| A.B.5 | | | | | | | |
| A.B.6 | | | | | | | |
| A.B.7 | | | | | | | |
| A.B.8 | | | | | | | |
| A.B.9 | | | | | | | |
| A.B.10 | | | | | | | |
| A.B.11 | | | | | | | |
| A.B.12 | | | | | | | |
| A.B.13 | | | | | | | |
| A.B.14 | | | | | | | |
| A.B.15 | | | | | | | |
| A.B.16 | | | | | | | |
| A.B.17 | | | | | | | |
| A.B.18 | | | | | | | |
| A.B.19 | | | | | | | |
| A.B.20 | | | | | | | |
| A.B.21 | | | | | | | |
| A.B.22 | | | | | | | |
| A.B.23 | | | | | | | |
| A.B.24 | | | | | | | |
| A.B.25 | | | | | | | |
| A.B.26 | | | | | | | |
| A.B.27 | | | | | | | |
| A.B.28 | | | | | | | |
| A.B.29 | | | | | | | |
| A.B.30 | | | | | | | |
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| A.B.32 | | | | | | | |
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| A.B.35 | | | | | | | |
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| A.B.39 | | | | | | | |
| A.B.40 | | | | | | | |
| A.B.41 | | | | | | | |
| A.B.42 | | | | | | | |
| A.B.43 | | | | | | | |
| A.B.44 | | | | | | | |
| A.B.45 | | | | | | | |
| A.B.46 | | | | | | | |
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| A.B.75 | | | | | | | |
| A.B.76 | | | | | | | |
| A.B.77 | | | | | | | |
| A.B.78 | | | | | | | |
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| A.B.96 | | | | | | | |
| A.B.97 | | | | | | | |
| A.B.98 | | | | | | | |
| A.B.99 | | | | | | | |
| A.B.100 | | | | | | | |

Figure 51. DA Form 4279-5-R.

Figure 52. DA Form 4274-R.

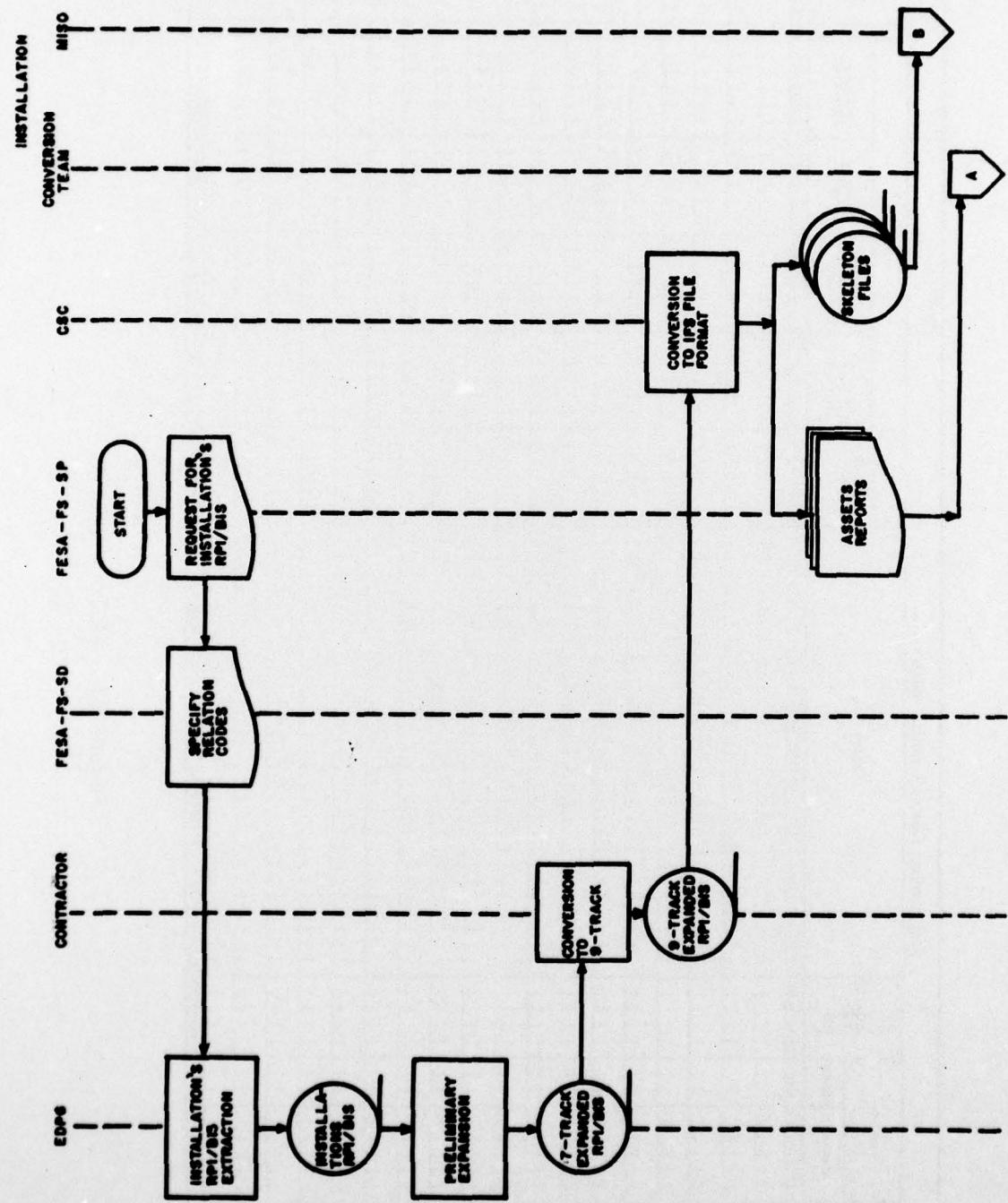


Figure 53. IFS conversion flowchart.

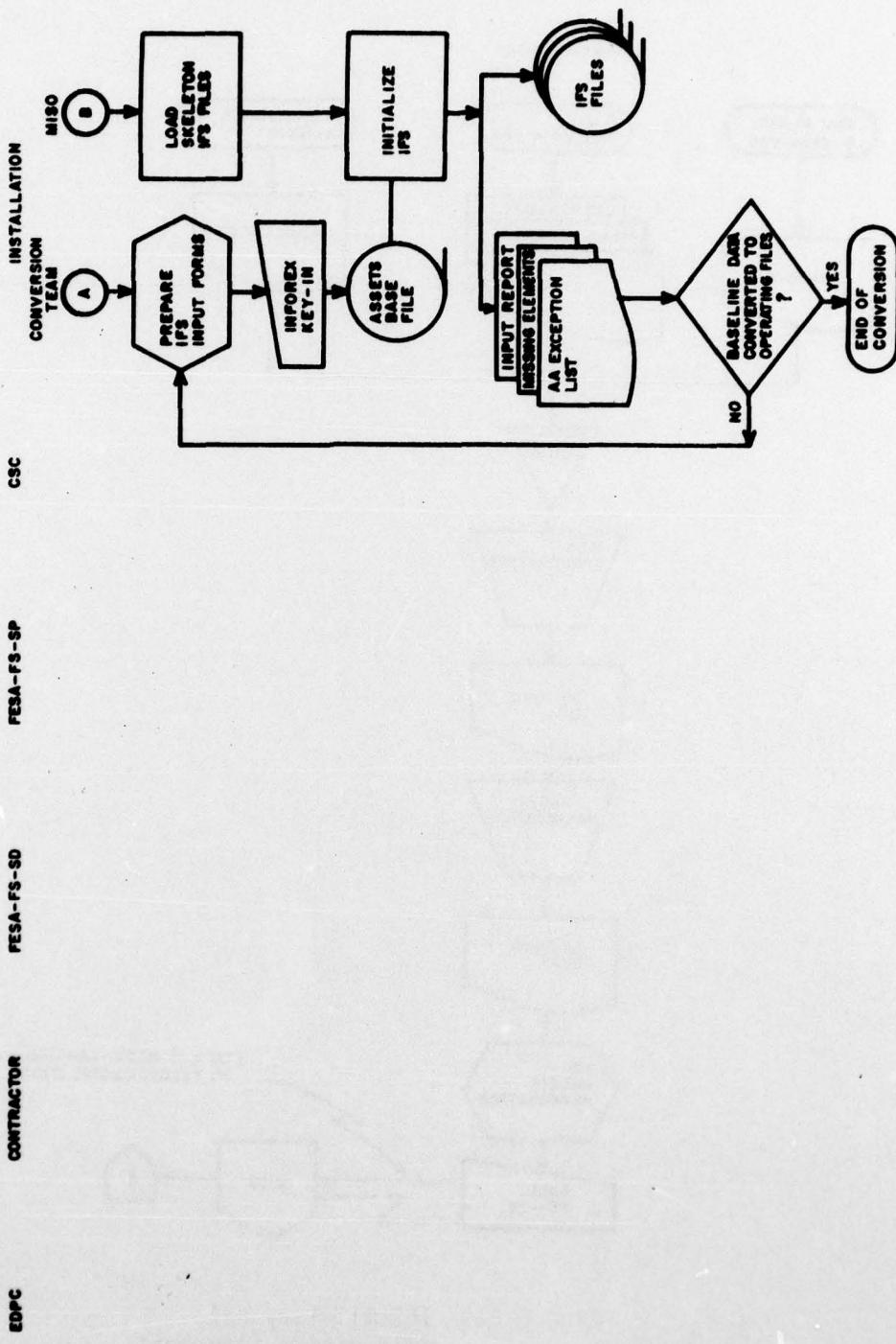


Figure 53. (Continued).

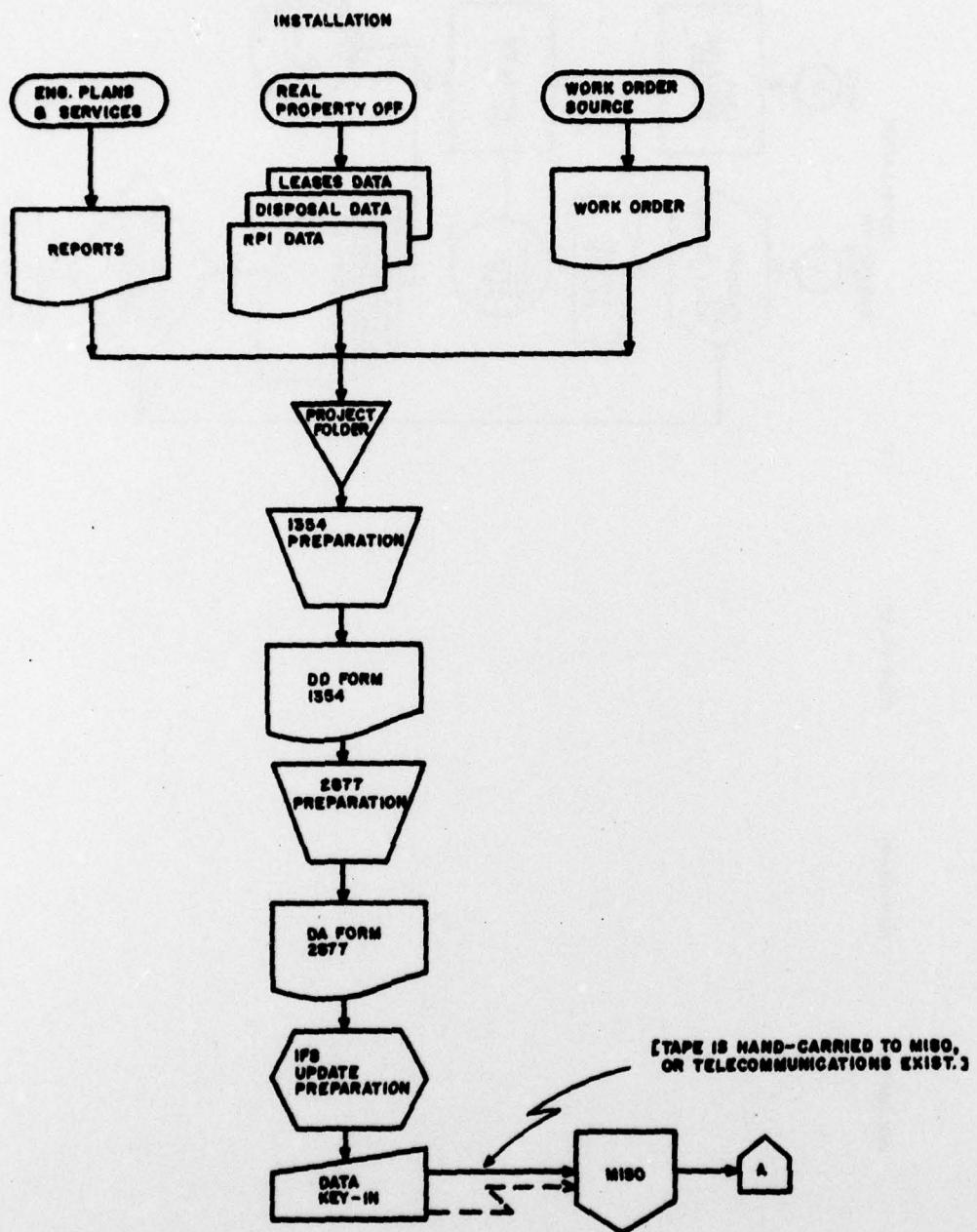


Figure 54. IFS military RPI information flowchart.

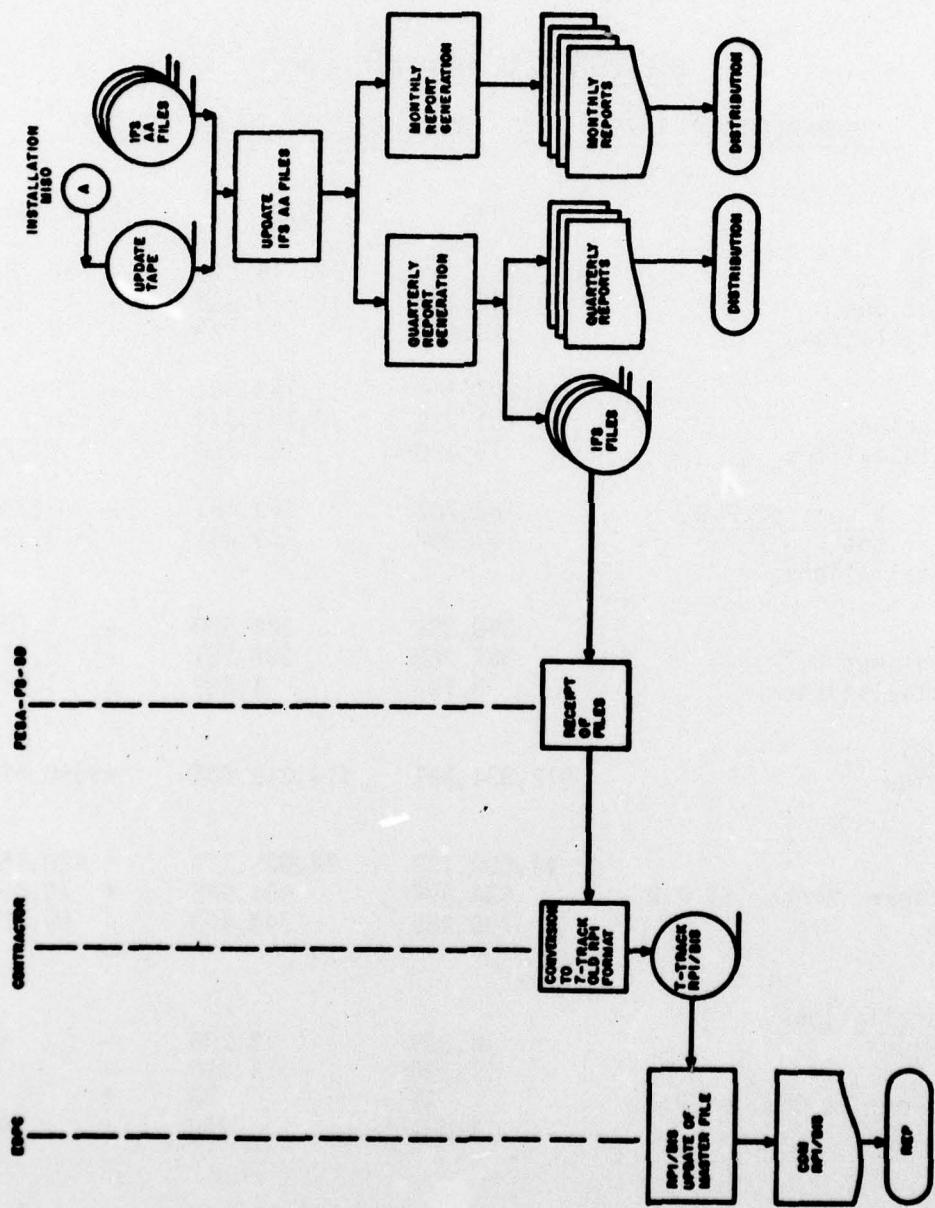


Figure 54. (Continued).

MILITARY REAL PROPERTY - ARMY

COMPARISON OF 1975 & 1976 REAL PROPERTY INVENTORY DATA

| | 1975 | 1976 | Difference |
|--|--------------|--------------|------------|
| I. <u>LAND (ACRES)</u> | | | |
| <u>World-Wide</u> | 12,751,102 | 12,714,815 | - 36,287 |
| Installations | 12,732,484 | 12,687,386 | - 45,098 |
| Non-Installations | 18,618 | 27,429 | + 8,811 |
| <u>U. S.</u> | 12,197,349 | 12,168,584 | - 28,765 |
| Installations | 12,181,929 | 12,145,794 | - 36,135 |
| Non-Installations | 15,420 | 22,790 | + 7,370 |
| <u>Poss., Terr. & Com. of P.R.</u> | 162,767 | 159,431 | - 3,336 |
| Installations | 162,767 | 159,431 | - 3,336 |
| Non-Installations | - | - | - |
| <u>Foreign</u> | 390,986 | 386,800 | - 4,186 |
| Installations | 387,788 | 382,161 | - 5,627 |
| Non-Installations | 3,198 | 4,639 | + 1,441 |
| II. <u>COST (\$1000)</u> | | | |
| <u>World-Wide</u> | \$12,834,981 | \$13,215,604 | +\$380,623 |
| U.S. | 11,600,102 | 12,020,259 | + 420,157 |
| Poss., Terr. & Com. of P.R. | 434,894 | 454,945 | + 20,051 |
| Foreign | 799,985 | 740,400 | - 59,585 |
| <u>No. of Installations</u> | | | |
| <u>World-Wide</u> | 2,338 | 2,293 | - 45 |
| U. S. | 1,294 | 1,290 | - 4 |
| Poss., Terr. & Com. of P.R. | 31 | 33 | + 2 |
| Foreign | 1,031 | 970 | - 43 |

Figure 55. Military Real Property -- Army -- Comparison of Prior Fiscal Year and Current Fiscal Year Real Property Inventory Report.

SUMMARY OF REAL PROPERTY LEASED TO DEPARTMENT OF THE ARMY THROUGHOUT THE WORLD

AS OF 30 JUNE 1976

159

| GEOGRAPHICAL AREAS (1) | NUMBER OF LEASES (2) | ACRES OF LAND (3) | BUILDINGS - SF FLOOR AREA (4) | ANNUAL RENTAL (5) |
|---------------------------|----------------------------|-------------------------|-------------------------------------|----------------------|
| In United States | 4,575 | 644,715 | 11,408,312 | \$ 22,017,000 |
| In Outlying Areas | 2 | - | 14,379 | 1,000 |
| In Foreign Countries | 1,196 | 26,802 | 12,240,394 | 19,640,000 |
| World-wide | 5,773 | 671,517 | 23,663,085 | \$ 41,658,000 |

Figure 56. Summary of Real Property Leased to DA Throughout the World Report.

GLOSSARY

| | |
|-------------|---|
| AA: | Assets Accounting |
| ACC: | Army Communications Command |
| ADP: | Automated Data Processing |
| ARA: | Assigned Responsible Agency |
| AREUR: | U.S. Army European Command |
| ARJ: | U.S. Army, Japan |
| ASA: | Army Security Agency |
| BIS: | Building Information Schedule |
| BLM: | Bureau of Land Management |
| COM: | Computer Output Microform |
| CRREL: | Cold Regions Research Engineering Laboratory |
| CSC: | U.S. Army Computer Systems Command |
| DAEN-MP: | Directorate of Military Programs |
| DAEN-RE: | Directorate of Real Estate |
| DAEN-REM: | Directorate of Real Estate, Management and Disposal Division |
| DAEN-REP: | Directorate of Real Estate Programs Division |
| DAEN-REP-S: | Directorate of Real Estate, Programs Division, Systems Operation and Management Branch |
| DARCOM: | Materiel Development and Readiness Command |
| DFAE: | Director of Facilities Engineering |
| DNA: | Defense Nuclear Agency |
| DOD: | Department of Defense |
| DPI: | Data Processing Installation |
| DSA: | Defense Supply Agency |
| EDPC: | Engineering Data Processing Center |
| EUSA: | 8th Army, Korea |
| FE: | Facilities Engineer |
| FEE: | Fee-Owned |
| FESA-FS-SD: | Facilities Engineering Support Agency, Facilities Systems Division, Systems Development Branch |
| FESA-FS-SP: | Facilities Engineering Support Agency, Facilities Systems Division, Support Branch |
| FIRS: | Facility Information and Retrieval System |
| FMP: | Force and Mission Planning |
| FORSCOM: | U.S. Armed Forces Command |
| FY: | Fiscal Year |
| GSA: | General Services Administration |
| HSC: | Health Service Command |
| IDC: | Instructor Development Course |
| IFS: | Integrated Facilities System |
| IFS-HQ: | Integrated Facilities System, Headquarters |
| IFS-I: | Integrated Facilities System, Increment I |
| IM&P: | Installation Management and Plan |
| MIS: | Management Information System |
| MISO: | Management Information System Office |
| MRD: | Missouri River Division |
| MTMC: | Military Traffic Management Command |
| NCD: | North Central Division |
| NG: | National Guard |
| NSA: | National Security Agency |
| OCE: | Office of the Chief of Engineers |

P&C: Planning and Control
PD: Public Domain
PILOT: Payment in Lieu of Taxes
R&D\$: Receiving and Deficiency Dollars
RPI: Real Property Inventory
RPMA: Real Property Maintenance Activities
SCR: Systems Change Request
TRADOC: U.S. Army Training and Doctrine Command

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Altheide, Carl P

Analysis of real property inventory reporting procedures / by C. P. Altheide,
S. S. Ganus. -- Champaign, IL : Construction Engineering Research Laboratory ;
Springfield, VA : available from NTIS, 1979.

161 p. ; 27 cm. (Technical report ; P-100)

1. Real estate management. 2. U.S. Army. Corps of Engineers. Office,
Chief of Engineers. Directorate of Real Estate. 1. Ganus, Susan S. II.
Title. III. Series: U.S. Construction Engineering Research Laboratory.
Technical report ; P-100.